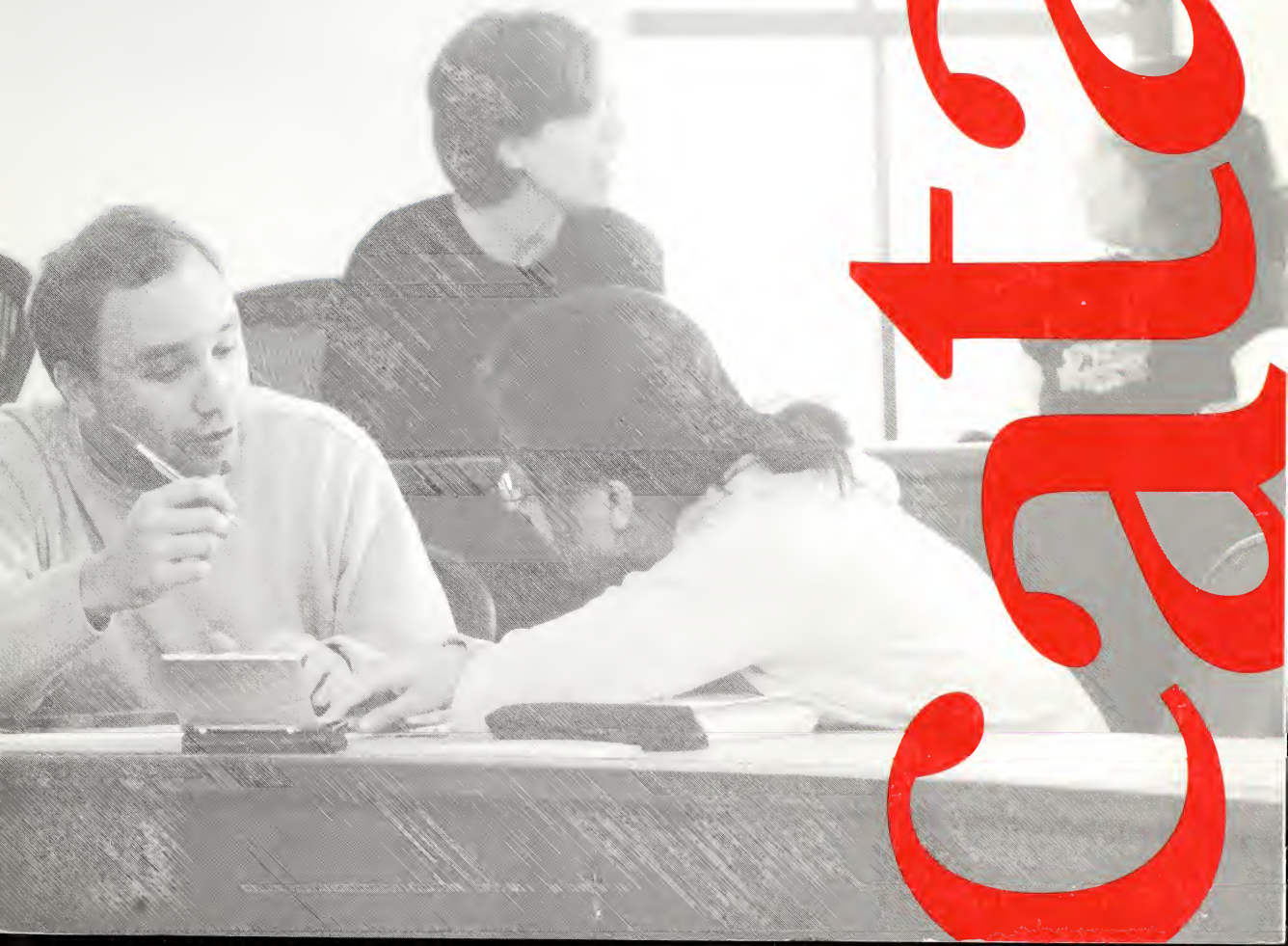
ILLINOIS STATE
UNIVERSITY

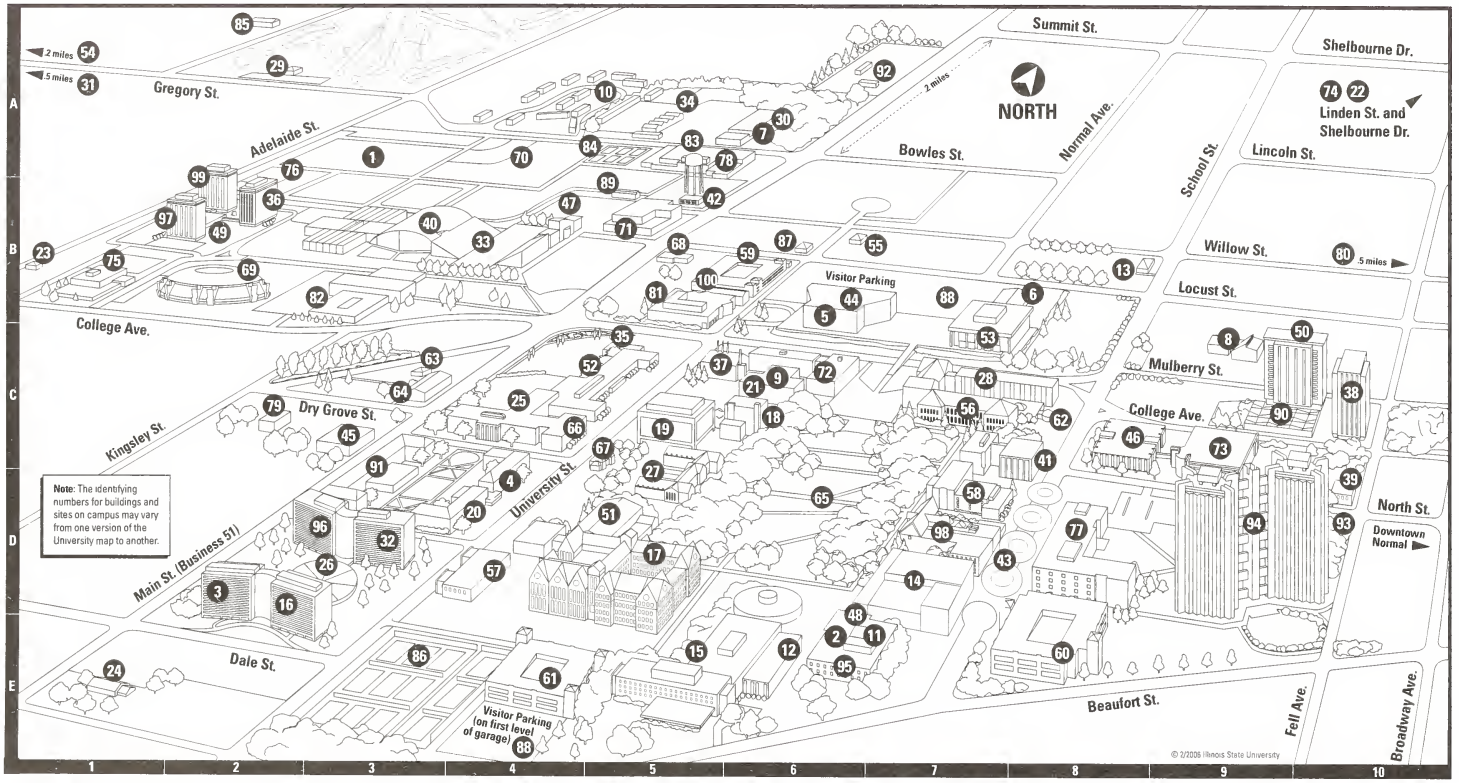


2006-2007

undergraduate catalog



Illinois State University



1 Adelaide Soccer Field - A3
2 Allen Theatre - E6
3 Atkin Hall (ATK) - D2
4 Barton Hall - D4
5 Bone Student Center/Braden Auditorium - B6
6 Bowling & Billiards Center (BBC) - B8
7 Campus Dining Services - A6
8 Campus Religious Center - C9
9 Capen Auditorium - C6
10 Cardinal Court - A5
11 Centennial East (CE) - E7
12 Centennial West (CW) - E6
13 Center for Intercultural Relations - B8
14 Center for the Performing Arts - D7
15 Center for the Visual Arts and University Galleries (CVA) - E5
16 Colby Hall (COL) - D2
17 College of Business Building - D5
18 Cook Hall (CH) - C6
19 DeGarmo Hall (DEG) - C5
20 Dunn Hall - D4
21 Edwards Hall (EDW) - C6
22 Energy House - A10
23 Eyestone School Museum - B1
24 Facilities Planning Building - E1
25 Fairchild Hall (FH) - C4
26 Feeney Dining Center - D3
27 Fell Hall (FEL) - C5
28 Felmley Hall of Science (FSA, FHS) - C8
29 Golf Course, Illinois State University (GC) - A3
30 Green Food Service Building, John - A6
31 Gregory Street Property - A1
32 Hamilton Hall - D3
33 Hancock Stadium - B4
34 Harris Physical Plant, Carter - A5
35 Hayden Auditorium - C5
36 Haynie Hall - B2
37 Heating Plant - C5
38 Hewett Hall (HEW) - C10
39 Honors Program - D10
40 Horton Field House (HTN) - B3
41 Hovey Hall (Administration) - C8
42 Hudelson Building - B5
43 *In Exchange* - D8
44 InfoCentre - B6
45 Instructional Technology and Development Center - C3
46 Julian Hall (JH) - C8
47 Kaufman Football Building - B4
48 Kemp Recital Hall - E6
49 Linkins Dining Center (LIN) - B2
50 Manchester Hall - C10
51 McCormick Hall (MCH) - D5
52 Metcalf School, Thomas (MLS) - C5
53 Milner Library (MLB) - C7
54 Motorcycle Driving Range - A1
55 Motorcycle Safety Program Office - B7
56 Moulton Hall (MLT) - C7
57 Office of Residential Life Building - D4
58 Old Union Building (OU) - D7
59 Parking Garage, North University Street - B6
60 Parking Garage, School Street - E8
61 Parking Garage, South University Street - E4
62 Planetarium - C8
63 Professional Development Annex - C3
64 Professional Development Building - C3
65 Quad - D6
66 Rachel Cooper (RC) - C4
67 Rambo House - C5
68 Recreation Services Building - B5
69 Redbird Arena (RBA) - B2
70 Redbird Baseball Field - A4
71 Ropp Agriculture Building (RAB) - B5
72 Schroeder Hall (SCH) - C6
73 Science Laboratory Building (SLB) - C9
74 Shelbourne Apartments - A10
75 Smith Building, Nelson (NSB) - B1
76 Softball Field - B2
77 Stevenson Hall, Adlai E. (STV) - D8
78 Stroud Auditorium - A6
79 Student Accounts Building - C2
80 Student Recreation Building (Willow and Beech Streets) - B10
81 Student Services Building - B5
82 Turner Hall (TUR) - B3
83 University High School (UH) - A5
84 University High School Tennis Courts - A5
85 University (President's) Residence - A2
86 University Street Tennis Courts - E3
87 *Vidette* Building - B6
88 Visitor Parking - B7 and E4
89 Vitro Center (VIT) - B5
90 Vrooman Dining Center (VRO) - C9
91 Walker Hall (WAL) - C3
92 Waller Parking and Transportation Building, Bill - A7
93 Watterson Dining Center (WD) - D10
94 Watterson Towers - D9
95 Westhoff Theatre - E6
96 Whitten Hall - D3
97 Wilkins Hall - B2
98 Williams Hall (WIH) - D7
99 Wright Hall - B2
100 211 North University Street - B5

Educating ILLINOIS

2003-2010

Illinois State University...

A small-college experience with large-university opportunities



Our Heritage

The first public university in Illinois, Illinois State University was founded in 1857 as a normal university to prepare the state's teachers. Our institution has a rich heritage as the state's leader in all facets of teacher education, from classroom instruction to educational administration and national policy setting. Illinois State is now a Doctoral Research-Intensive University offering more than 160 major/minor options in six colleges, but that early emphasis on teacher preparation is reflected in our values-based commitment to creating an optimal learning environment for all Illinois State students, whether undergraduate or graduate, on campus or off campus.

Illinois State University is distinguished as the only public university in Illinois to be classified as a National Doctoral Research-Intensive University by the Carnegie Foundation for the Advancement of Teaching. The University provides baccalaureate programs in the biological, physical, social, and applied sciences; humanities; technology; business; professional programs; teacher education; and the fine and performing arts; and is committed to providing graduate education in areas of programmatic strength and need at master's and doctoral levels.

Strong programs of scholarship (research and creative activities) recognized at national and international levels result in the acquisition, synthesis, dissemination, and creation of new research knowledge, coupled with the application of knowledge, and the invigoration of undergraduate and graduate education. Strong mission-driven public service and outreach activities complement the University's teaching and research functions and help expand the horizons of knowledge and culture among students, colleagues, and the general citizenry.

Our Mission

We at Illinois State University work as a diverse community of scholars with a commitment to fostering a small-college atmosphere with large-university opportunities. We promote the highest academic standards in our teaching, our scholarship, and the connections we build between them. We devote all of our resources and energies to creating the most supportive and productive community possible to serve the citizens of Illinois and beyond.

Our Vision and Values

By acting on our values in every respect, Illinois State University will come to occupy a unique position of strength and visibility among the institutions of higher education in Illinois, nationally, and internationally. Illinois State University will continue to be the first-choice public university in Illinois for high-achieving, motivated students who seek an individualized educational experience combined with the resources of a large university.

Individualized Attention: Providing the supportive environment characteristic of a small college through an innovative General Education program, strong student-faculty-staff connections, superior student services, and a focus on each student as an individual, with unique educational needs and potential. Illinois State is a campus dedicated to placing the learner at the center of teaching and scholarship.

Public Opportunity: Assuring students access to the educational, research, and service opportunities characteristic of a large university, including a wide range of high-quality programs, faculty mentors who are scholars and creative artists of repute in their disciplines, and the support of outstanding facilities, technologies, and library resources.

Active Pursuit of Learning and Scholarship: Working with students as partners in their educational development inside and outside of the classroom, so that students come to appreciate learning as an active and lifelong process; contributing new knowledge through research, creative artistry, and other forms of individual scholarship in which all students, faculty, and staff are encouraged to participate.

Diversity: Encouraging community and an informed respect for differences among students, faculty, and staff by fostering an inclusive environment characterized by ethical behavior and social justice that prepares students to be fully engaged participants in a global society; a diverse faculty and staff mentoring a diverse student population, enhancing pedagogical, research, and service functions.

Innovation: Supporting disciplinary excellence and personal growth of students, faculty, and staff through knowledge development and innovative applications in undergraduate and graduate study, pedagogy, research, creative activities, and public service.

A complete copy of Educating Illinois, as well as specific university goals and progress, is available at www.educatingillinois.ilstu.edu.


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ILLINOIS STATE UNIVERSITY
Undergraduate Catalog

2006-2007

Effective May 22, 2006

Visit our Illinois State University Web site at: www.IllinoisState.edu

University Offices

University Operator: (309)	438-2111
Academic Records:	438-3408; www.registrar.ilstu.edu
Admissions:	438-2181; www.IllinoisState.edu/admissions/
Evaluation Services:	438-2282; www.registrar.ilstu.edu
Extended University:	438-5288; www.exu.ilstu.edu/
Financial Aid:	438-2231; www.financialaid.ilstu.edu/
Student Service and Referral Center:	438-2188; www.ssrc.ilstu.edu
University Housing Services:	438-8611; www.housing.ilstu.edu/
Veterans Services:	438-2207; www.registrar.ilstu.edu

The statements in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and Illinois State University. The course offerings and requirements of the University are continually under review and revision. This catalog presents those in effect at the time of publication. Courses listed in this publication are subject to revision without advance notice and are not necessarily offered each term or each year.

Information regarding changes will be available in the Offices of the University Registrar, the Provost, and the major departments and schools. It is especially important that each student note that it is his or her responsibility to be aware of current graduation requirements for a particular degree program.

Illinois State University takes pride in maintaining a tradition of equitable treatment among all members of its community by promoting a respectful, non-discriminatory environment for learning, working, and living. With this understanding, the University is exceptionally committed to providing equal opportunity for its students, faculty, and staff through prohibition of any discrimination based upon an individual's race, color, religion, gender, national origin, sexual orientation, ancestry, age, marital status, physical or mental disability, unfavorable military discharge, or status as a disabled veteran or veteran of the Vietnam Era.*

Furthermore, Illinois State University is committed to a comprehensive program of Affirmative Action which ensures access, equity and fairness in regards to employment, education, and education-related activities for minorities, women, individuals with disabilities, disabled veterans and veterans of the Vietnam Era.

The Office for Diversity and Affirmative Action (ODAA) is responsible for administering and monitoring the University's equal opportunity/affirmative action policies and procedures, as well as preparing and implementing the Plan for Diversity and the yearly Affirmative Action Plan. Inquiries concerning, or complaints alleging violation of the University's equal opportunity/affirmative action policies should be directed to the Director of the Office for Diversity and Affirmative Action (ODAA). The ADA/504 Coordinator, as well as the Title IX Coordinator may also be reached in the ODAA.

Copies of the Illinois State University Affirmative Action Plan are available for inspection during regular business hours in the following offices: ODAA, Human Resources, and Milner Library. Additionally, the Affirmative Action Plan is also available for inspection at: www.diversity.ilstu.edu.

**The expansion of Illinois State University's policy is within the scope of law and local ordinances. The elimination of this form of invidious discrimination is based upon local statutes and University policy and is to be resolved within existing University procedures.*

Confidentiality of Student Records

In accordance with the Family Educational Rights and Privacy Act of 1974, Illinois State University students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the institution unless the student waives this right in writing. It also ensures that records cannot be released in other than emergency situations without the written consent of the student except in the following situations:

1. to officials of other schools or school systems in which the student seeks or intends to enroll, upon condition that the student be notified of the transfer, receives a copy of the record if desired, and has an opportunity for a hearing to challenge the content of the record;
2. to authorized representatives of (1) the Comptroller General of the United States, (2) the Secretary of the U.S. Department of Education, (3) State educational authorities, or (4) authorized representative of the Attorney General for law enforcement purposes;
3. parents of a dependent student as defined in Section 152 of the Internal Revenue Code of 1954. (The student will be notified of any such request by University personnel contacting the student and/or by sending a letter to local and home address);
4. organizations conducting studies for, or on behalf of, educational agencies or institutions for the purpose of developing, validating, or administering predictive tests, administering student aid programs, and improving instruction, if such studies are conducted in such a manner as will not permit the personal identification of students and their parents by persons other than representatives of such organizations and such information will be destroyed when no longer needed for the purpose for which it is conducted;
5. accrediting organizations to carry out their accrediting functions;
6. to comply with a judicial order or lawfully issued subpoena (The student will be notified of any such request by University personnel contacting the student and/or by sending a letter to the last known address of said student). Limited exceptions to student notification are permitted by FERPA;
7. to other school officials, including faculty within the educational institution who have legitimate educational interests;
8. in connection with the student's application for, and receipt of, financial aid;
9. where the information is classified as directory information. The following categories of information have been designated by the University as directory information: name, address (local, home and electronic mail), telephone number, date and place of birth, major, class, Honors Program participant, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, and course load status, candidacy for degree, degrees (including date awarded) and awards received, and the most recent previous educational agency or institution attended by the student. If a student does not wish such information released without consent, he or she should notify the Office of University Registrar, 107 Moulton Hall, Campus Box 2202, prior to the first day of classes;
10. disclosure to appropriate persons is in connection with an emergency, and the information is necessary to protect the health and safety of the student or other persons;
11. disclosure of the final results of a disciplinary proceeding conducted by the University is to an alleged victim of any crime of violence as that term is defined in Section 16 of Title 18, United States Code, or a nonforcible sex offense. This information shall contain only the name of the student, the violation committed, and any sanction imposed by the University on that student. The name of any other student (such as a victim or witness) will only be released with the written consent of that other student.

Questions concerning this law and the University's policy concerning release of student information and the procedures for contesting the content of cumulative files may be directed to the General Counsel, Hovey Hall 208, Campus Box 1010, (309) 438-8999.

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University Calendar, 2006-2007

2006

2006 Summer Session

May 22	Opening of summer session.
May 29	Memorial Day holiday.
June 2	Last day for undergraduate students to apply for graduation at end of summer session.
July 4	Independence Day holiday - no classes.
August 11	Summer session ends.
August 15	Grades due by 9:00 a.m.

2006 Fall Semester

Aug. 14-20	Registration and program change. Please see registration information at www.registrar.ilstu.edu.
Aug. 20	Last day to withdraw from classes with a full refund of tuition and fees.
Aug. 21	Classes begin.
Aug. 23	Last day for late registration.
Aug. 23	Last day for program change.
Sept. 4	Labor Day holiday.
Sept. 15	Last day for undergraduate students to apply and pay fee for graduation in December.
Oct. 13	Last day to withdraw or to remove credit/no-credit option from a full semester class.
Oct. 14	First half of semester ends.
Oct. 16	Second half of semester begins.
Nov. 18	Thanksgiving vacation begins at 12:00 noon.
Nov. 27	Classes resume.
Dec. 9	Last day of classes.
Dec. 11-15	Evaluation and review period.
Dec. 15	Fall semester ends.
Dec. 16	Commencement.
Dec. 19	Grades due by 9:00 a.m.

2007 Spring Semester

Jan. 2-15	Registration and program change. Please see registration information at www.registrar.ilstu.edu.
Jan. 15	Last day to withdraw from classes with a full refund of tuition and fees.
Jan. 15	Martin Luther King, Jr. holiday.
Jan. 16	Classes begin.
Jan. 18	Last day for late registration and course changes.
Jan. 18	Last day for program change.
Feb. 9	Last day for undergraduate students to apply and pay fee for graduation in May.
Mar. 9	Last day to withdraw or drop the credit/no-credit option from a full semester class.
Mar. 10	First half semester ends. Spring vacation begins at noon.
Mar. 19	Classes resume.
May 5	Last day of classes.
May 7-11	Evaluation and review period.
May 11	Spring semester ends.
May 11-12	Commencement.
May 15	Grades due by 9:00 a.m.

The University will accommodate, within reason, students whose religious obligation requires absence from class. Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

May

S	M	T	W	T	F	S
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June

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July

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August

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September

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November

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2007

January

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February

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March

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April

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May

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20	21	22	23	24	25	26
27	28	29	30	31		

USING THE CATALOG

The University provides this *Undergraduate Catalog* as a guide to answer some of your basic questions and guide you in the right direction when you need assistance. You are encouraged to review the entire *Undergraduate Catalog* carefully to gain an overview of the opportunities offered by the University, as well as the University's expectations of you.

This publication contains important facts about academic programs and requirements, admission, costs, financial aid, housing, and student services and activities of Illinois State University. For specific information about particular concerns, consult either the Table of Contents or the Index.

In this catalog you will find descriptions of a wide variety of undergraduate programs (majors and minors) in more than 167 separate fields of study. Review the department and school sections for an understanding of the requirements for each of these specific programs. In addition, the Academic Policies and Practices section details the general requirements necessary for completion of the undergraduate degree.

In this catalog you will also find descriptions for the undergraduate courses offered by the 35 academic departments and schools of the University. To learn what specific courses are offered in a given semester, consult the *iCampus* Web site at www.icampus.ilstu.edu.

UNDERGRADUATE CATALOG REQUIREMENTS

For a student who attends at least one term of each academic year, graduation requirements are specified in the *Undergraduate Catalog* for the year of entry to the University. If attendance is not continuous, a student must meet the requirements specified in the *Undergraduate Catalog* in effect when he or she reenters the University. If such a student continues in the curriculum chosen originally, the hours earned in meeting the requirements of the original program may apply to the hour requirement of a revised program.

In all instances, the University may adjust graduation requirements to ensure that each graduate of a teacher preparation curriculum meets the course requirements for an Illinois Teaching Certificate.

A student who transfers from an Illinois public community college to this university may choose to meet graduation requirements specified in the Illinois State University *Undergraduate Catalog* in effect at the time the student entered the community college if (1) attendance was not interrupted (not including summer terms), and (2) transfer to Illinois State occurred within nine months of attendance at the community college.

Since University programs are constantly evaluated and improved, a student may graduate under new requirements published while he or she is in attendance at the University. **A student who changes to new *Undergraduate Catalog* requirements, however, must meet all the requirements including General Education and graduation requirements, in that catalog.**

GLOSSARY

In reading this catalog, you may encounter some words or phrases that are unfamiliar. The following list defines terms frequently used within the Illinois State community and will help you more easily understand information you will receive from the University.

Academic Affairs One of the four major divisions of the University, headed by the Vice President and Provost, that focuses on educational needs of students.

Academic Good Standing A minimum cumulative grade point average of 2.00, which is required for continued enrollment in the University.

Academic Progress Alert An assessment of the undergraduate student's performance in each 100-level course in which the student is enrolled. This assessment is available through the iCampus Portal at www.icampus.ilstu.edu at the end of the first half of the semester.

Academic Progress Summary The University's assessment of a student's work toward completing graduation requirements for the bachelor's degree.

Academic Year The period of time commencing with the fall semester (16 weeks) and continuing through the spring semester (16 weeks) and summer term (12 weeks).

Advanced Placement Program Sponsored by the College Entrance Board, this program allows students to be awarded credit or exemptions from required courses based on test scores.

Also offered as (cross-listed course) means that the specified courses are identical and are thus considered interchangeable in meeting all requirements.

Alumni Individuals who have attended or graduated from a particular college or university.

Audit The completion of a course taken without credit.

Bachelor of Arts (B.A.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; required field(s) of study; and a foreign language requirement.

Bachelor of Fine Arts (B.F.A.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; and art field of study requirements for B.F.A. degree.

Bachelor of Music (B.M.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; and music field of study requirements for B.M. degree.

Bachelor of Music Education (B.M.E.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; music field of study requirements for B.M.E. degree; and professional education requirements.

Bachelor of Science (B.S.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; field(s) of study requirements; and an additional course in science, mathematics, statistics, or technology beyond the General Education requirements.

Bachelor of Science in Education (B.S. in Ed.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; Teacher Education approved major; and professional education requirements.

Bachelor of Science in Nursing (B.S.N.) Degree Degree earned by students who complete the General Education requirements; general requirements for graduation; and nursing field of study requirements.

Bachelor of Social Work (B.S.W.) Degree Degree earned by students who complete the General Education requirements: general requirements for graduation; and Social Work major requirements.

Board of Trustees The governing body for Illinois State University

Clinical Experience A part of the program that allows for observation, participation, studies of individual pupils or clients, individual field work, and practicums both on and off campus.

College Level Examinations Program (CLEP) A program that allows students to receive credit by examination rather than completing course work.

Credit Hour A standard unit of measuring course work; credit hours are assigned to a particular course and count toward graduation, except in remedial courses. Typically a course that meets for three hours a week is worth three credit hours.

Cross-listed Course Course offered by more than one department, but treated as one course for credit purposes.

Curriculum A program of study covering the entire undergraduate or graduate career and designed to satisfy the requirement for a degree.

Daily Vidette, The Illinois State's student newspaper, published Monday through Friday during the academic year except for semester breaks and once a week during the summer. Articles and notices are directed toward the interests of students and employees.

Dean The highest administrative officer of a college.

Department Chairperson An administrative officer holding faculty rank; responsible for the primary unit of academic organization.

Email An electronic system of sending and receiving messages. Students are strongly encouraged to use the University email program to facilitate communication with faculty and staff. Instructions for using the system are given during orientation.

Enrollment Verification Undergraduate students for fall and spring are considered full-time if they are enrolled 12.0 or more semester hours, half-time if they are enrolled fewer than 12.0 but at least 6.0 semester hours, and part-time if they are enrolled fewer than 6.0 semester hours. Undergraduate students for summer are considered full-time if they are enrolled 6.0 or more semester hours, half-time if they are enrolled fewer than 6.0 but at least 3.0 semester hours, and part-time if they are enrolled fewer than 3.0 semester hours.

Escrow Credit Credit awarded to registered nurses for their previous learning in the field of nursing.

Finance and Planning One of the four major divisions of the University, headed by the Vice President for Finance and Planning, that focuses on financial management and planning.

First Year LinC (Learning in the Communities) Freshmen transition program offered fall semester: provides a small community structure that promotes connections with peers, faculty and staff; provides experiences to learn about resources of the University; and offers opportunities to become involved in university life. First Year LinC students are enrolled in several courses with the same small group of students.

Formerly Offered As A course previously offered under a different number or title. The course is interchangeable with the previous course number or title.

Free Application for Federal Student Aid (FAFSA) The form required for financial aid consideration at Illinois State University.

General Education Program The integrated 42 credit hour foundation courses in subjects outside a student's major that must be completed to obtain a baccalaureate degree.

Grade Point Average (GPA) The total number of grade points divided by the total graded semester hours attempted at Illinois State University.

Honors Program Program designed to serve the needs of academically talented, high-achieving students.

iCampus Portal The iCampus portal, at www.icampus.ilstu.edu, allows students to register for classes, confirm attendance, to view their grades, schedule, textbooks, financial aid status, email, Redbird card balance and more through a Web browser from anywhere in the world.

Illinois Articulation Initiative (IAI) A statewide agreement among more than 100 public and selected private institutions, designed to facilitate transfer between colleges and universities within the state.

Illinois Board of Higher Education (IBHE) The board that oversees and coordinates all public higher education in Illinois.

Independent Study Intensive study in a special area of the student's interest under the direction of a faculty member. Each individual investigation is to culminate in a comprehensive written report and/or examination and/or artistic project. A maximum of 6 semester hours may be applied toward graduation.

In Exchange The group of four artistic structures and green space between Old Union/Williams and Stevenson Halls.

Institute Federal- and state-sponsored (or similar) short-term programs requiring treatment of subject matter of a special nature, often for special groups. Courses taught as institutes are designated by the number 397.

Interdisciplinary A program or course that spans two or more academic disciplines.

Major A cohesive combination of courses, including introductory, intermediate, and advanced course work, that designates a student's primary area of specialization.

Matriculation Enrollment in a degree-granting program at a college or university.

Minor A combination of courses designed to provide a cohesive introduction to an area of study beyond the major. Minors are designated on University transcripts upon receipt of degree.

Nonresident A student whose principal residence is not in Illinois.

Nontraditional Student A student who does not fit the typical profile of undergraduate students.

Not for credit if had (course) Content overlap exists between the specified courses such that students should not be able to count both toward graduation. Such courses are not, however, considered interchangeable in meeting all requirements.

Office of Enrollment Management and Academic Services A unit that assumes a leadership role in monitoring on-campus enrollment by coordinating the establishment of enrollment targets for academic programs and the University; works toward providing students with a seamless transition to Illinois State from admission to graduation; coordinates academic support and transition services for prospective and currently enrolled students; and oversees the functions of the Office of Admissions, the Financial Aid Office, the Office of the University Registrar, and University College.

Office of University Registrar An academic unit that maintains academic records, awards transfer credit, and provides enrollment verification, transcripts and course registration. Student questions can be answered in Moulton 107.

Passages A variety of social activities scheduled at the beginning of the fall semester to integrate students on campus.

PIN Personal Identification Number. A unique number assigned to each student for registration and identification purposes.

Prerequisite Specific requirements that must be completed prior to enrolling in a given class, program, or field of study.

Presidential Scholars Program Program designed to serve a select group of academically-talented students by providing a special curriculum and opportunities for study abroad and community service.

Preview A two-day program held during the summer to orient new freshmen students and their families to campus.

Professional Practice Professional Practice consists of academic/career related work experiences completed for credit either on campus or at a place of business. They may or may not be salaried. A maximum of 16 credit hours may count toward graduation.

Provost The Vice President for Academic Affairs who is responsible for all academic matters.

Quad The open green space at the heart of the campus that is surrounded by academic and administrative buildings.

Research A specific investigation consisting of creating and expanding basic knowledge.

School Director An administrative officer holding faculty rank; responsible for the primary unit of academic organization.

Semester A semester at Illinois State is the 16-week academic session offered each fall and spring.

Seminar A regular meeting of students, under the guidance of a faculty member, in which each conducts research and exchanges information, problems, and results through informal lectures, reports, and discussion.

Sequence A subdivision of a major/minor in which there are specific requirements. Sequences of the same major or minor generally share a common core within a major or minor. Sequences are designated on University transcripts upon receipt of degree.

Student Affairs One of the four major divisions of the University, headed by the Vice President of Student Affairs, that focuses on personal and nonacademic needs of students.

Student Code Enforcement and Review Board (SCERB) The board that oversees appeals of student disciplinary/grievance cases and reviews related policies.

Syllabus A document describing the objectives, outcomes, assessment activities, and structure of a course.

Temporary Course Credit courses that often are used to experiment with a new curriculum, take advantage of the skills of a faculty member who will be at the University for a limited period, or respond to particular interests of students. Temporary courses may not be required within a major or sequence.

Topics Course An organization of subject matter and related learning experiences composed of identifiable subdivisions of topics. The content of the course varies by semester.

Transcript The University's official record of credit or degrees awarded, including the courses taken by a student and the grades received in each course.

Transfer Registration Program Specifically designated days for transfer students to meet with an academic advisor and to complete advance registration.

University Advancement One of the four major divisions of the University, headed by the Vice President for University Advancement, that focuses on public outreach and fundraising.

University Center for Learning Assistance (UCLA) This center provides academic assistance in a variety of subjects through individual and group tutoring, courses, and seminars.

University College An academic unit that provides academic support to all students, advising all freshmen and students who have not chosen a major or been admitted to major programs, as well as students who need help improving their academic skills.

WGLT A national public radio station affiliate licensed to Illinois State University.

Workshop Intensive and applied work on special problems in one or more subject areas. Workshop opportunities are provided on special problems not covered in any regular University courses.

THE CAMPUS AND THE COMMUNITY

ILLINOIS STATE UNIVERSITY MISSION STATEMENT

We at Illinois State University work as a diverse community of scholars with a commitment to fostering a small-college atmosphere with large-university opportunities. We promote the highest academic standards in our teaching, our scholarship and the connections we build between them. We devote all of our resources and energies to creating the most supportive and productive community possible to serve the citizens of Illinois and beyond.

Adopted by Academic Senate, February 6, 2002

UNIVERSITY COMMITMENT TO DIVERSITY

Illinois State University is committed to creating a rich and challenging learning environment for all members of our intellectual community, inside and outside of the classroom. Diversity is a critical component of that learning environment and the Illinois State University community embraces it enthusiastically. The Board of Trustees and the Office of the President have approved a University Plan for Diversity that establishes a series of goals and concrete actions designed to reinforce and expand the climate for diversity on campus. The goals from the *Plan for Diversity* are incorporated into the University's strategic plan, *Educating Illinois*. Diversity is thus an essential component of university planning at Illinois State.

ACCREDITATION

Illinois State University is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. For further information regarding this accreditation contact North Central Association of Colleges and Schools, at 30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504, phone (800) 621-7440 or (312) 263-0456, or the commission's Web site at www.ncacihe.org. In addition, various programs hold discipline-based accreditation. The University is associated with the following professional agencies:

*Accreditation Association for Ambulatory Health Care, Inc.
American Assembly of Collegiate Schools of Business
American Association for Health Education
American Association of Family and Consumer Sciences
American Chemical Society
American Council for Construction Education
American Music Therapy Association
American Psychological Association
Commission on Accreditation of Health Informatics and Information Management
Commission on Accreditation/Approval for Dietetics Education--Developmental Accreditation
Commission on Collegiate Nursing Education
Computing Science Accreditation Board
Council for Accreditation of Counseling and Related Educational Programs
Council on Academic Accreditation of the American Speech-Language-Hearing Association
Council on Social Work Education Commission on Accreditation
Foundation for Interior Design Education Research
Illinois State Board of Education
*International Association of Counseling Services
National Accrediting Agency for Clinical Laboratory Sciences
National Association for Education of Young Children
National Association of Industrial Technology
National Association of School Psychologists
National Association of Schools of Art and Design
National Association of Schools of Music
National Association of Schools of Theatre
National Athletic Training Association
National Council for Accreditation of Teacher Education
National Environmental Health Science and Protection Accreditation Council
National Recreation and Park Association
Society for Public Health Education

* Non-academic accreditation of services.

CAMPUS PROFILE

Illinois State's tree-shaded campus covers 850 acres and provides a study of varying architecture with 60 major buildings, most of which are less than 40 years old and accessible to individuals with disabilities. Buildings range from the castle-like appearance of Cook Hall to the modernistic dominance of the 28-story Watterson Towers residence hall, the recently completed high-tech Science Laboratory Building and the College of Business Building.

Classrooms are centrally located, conveniently surrounded by Milner Library, residence halls, athletic arenas, and facilities set aside for recreational or social activities. For destinations that may be too far to walk, a bus service known as Nite Ride runs from 7 p.m. to 1 a.m. around the campus at no cost to students with a valid Illinois State University I.D. It also accommodates students with disabilities unable to use the regular bus system and those students who live in areas not serviced by established city routes.

Campus facilities include:

- Milner Library, which has 1.58 million catalogued books, magazines and journals, 400,000 printed government publications, over two million pieces of microform, 440,000 maps, and almost 35,000 audio and video recordings.
- Bone Student Center, including 3,500-seat Braden Auditorium and the adjacent Bowling and Billiards Center.
- 13 residence halls.
- The College of Business Building, the newest addition to campus, is around 118,000 gross square feet of classrooms, conference rooms, and offices equipped with state-of-the-art technology. Other special features include an auditorium with seating for over 200, a 5-story atrium, and a central courtyard.
- The Science Laboratory Building, a state-of-the-art facility, that provides to students and faculty new opportunities for instruction and research.
- Student Services Building, including a modern, accredited, comprehensive health service.
- The Center for Performing Arts, with a 450 seat proscenium theater and an 800-seat concert hall, provides a high quality venue for performances.
- 18-hole championship golf course, 11 tennis courts, and a Student Recreation Center that offers features of a full-service health club.
- Redbird Arena and Horton Field House, which seat 10,005 and 8,000 respectively.
- Numerous visitors' attractions that include a planetarium, one of the largest art galleries for rotating displays in the state, ISU's fully operational farm at Lexington, and the Jesse Fell Arboretum that includes more than 4,000 trees representing more than 100 species.

STUDENT PROFILE

Students who choose Illinois State come from across the state, the nation, and around the globe. The diversity that exists within the student body enriches all aspects of the collegiate experience and makes the living and learning environment especially dynamic.

The academic success students achieve at Illinois State is apparent in the University's graduation, placement, and satisfaction rates. Sixty-three percent of first-time freshmen graduate within six years. Responses to surveys of alumni reveal that nearly 75 percent are employed in a job related to their baccalaureate major and 88 percent believe that Illinois State prepared them for their position.

FACULTY PROFILE

Talk to those who have attended Illinois State and you will discover faculty members are consistently identified as one of the University's most treasured resources. The reason is a commitment faculty make to provide students personal attention that is truly unique at an institution as large as Illinois State.

The vast majority of Illinois State's 829 full-time and 274 part-time faculty members hold the highest degrees in their field. Numerous Illinois State faculty have been selected as Fulbright scholars, and many others hold leadership positions in professional organizations and societies. All are committed to excellence in teaching and service, as well as to producing high-quality research, publications, and creative art.

Faculty share their expertise beyond the expected lectures and laboratory sessions, giving students the opportunity to participate in scholarly research. Student work done in collaboration with distinguished professors and outstanding university researchers is showcased each spring in the Undergraduate Research Symposium.

COMMUNITY PROFILE

Illinois State is located in the twin-city community of Bloomington-Normal, with a population of approximately 150,000. Centrally located just 137 miles southwest of Chicago and 164 miles northeast of St. Louis, the community is situated at the crossroads of three major interstates as well as along the Chicago and St. Louis railroad corridor. One of the fastest growing areas in Illinois, Bloomington-Normal enjoys a strong economy that is built on a blend of insurance, education, agribusiness, and industry.

The community has been rated the second safest college town in Illinois and the ninth safest in the Midwest by the authors of *Crime at College: The Student Guide to Personal Safety*. The book's safety profiles were compiled from FBI criminal statistics and represent a national perspective.

GOVERNANCE

The Academic Senate is the major internal governance body of the University. The Senate acts in legislative and advisory roles with regard to University policies involving faculty and students,

academic programs and planning, and University concerns. Based upon the concept of shared governance, the 62-member Senate's representatives consist of 31 faculty members, 21 students, one representative from the Civil Service Council and one from the Administrative Professional Council. Additionally, the ex-officio representatives are the President of the University, three Vice Presidents, one Associate Vice President, a representative from the Deans Council, a representative from the Chairs Council, and the Student Trustee.

Through the Academic Senate and its external committee system, students, faculty, and administrators share in the study and development of policy. Students are encouraged to participate in the Senate-appointed committees and councils such as Academic Planning, Athletic Council, Council for Teacher Education, Honors Council, Council on General Education, Education, Entertainment, Library, Reinstatement, Student Code Enforcement and Review Board (SCERB), and University Curriculum Committee. Students also participate as members of college and departmental councils and serve on search and ad hoc committees. Application forms for committees for faculty are available from the Academic Senate Office, Campus Box 1830, Hovey 408; (309) 438-8735; email address: acsenate@ilstu.edu. Applications for students are available at the Student Government Association Office.

DIVISION OF UNIVERSITY ADVANCEMENT

Alumni Relations: Alumni traditions were begun in 1863 with the first Alumni Association meeting. Alumni Relations now offers activities and assistance to all Illinois State University alumni and coordinates all programs of the 160,000-member Alumni Association. All graduates are automatic members of the Alumni Association; no dues are required to join. With offices in the Bone Student Center and on Michigan Avenue in Chicago, Alumni Relations' primary goal is to act as liaison between the University and its alumni locally, nationally, and throughout the world.

Together with the Illinois State Alumni Association, Alumni Relations provides the campus community assistance in staying connected to graduates and building pride in students currently enrolled.

Current students may become involved through the Student Alumni Council (SAC), a registered student organization with headquarters in the Alumni Relations office in Bone Student Center, (309) 438-2586.

Foundation: The Illinois State University Foundation is a not-for-profit corporation chartered by the State of Illinois for the sole purpose of soliciting, receiving, holding, investing, and administering gifts, grants, real property, historical papers, collections, and other materials which support and enhance educational opportunities at Illinois State University. It also coordinates an office in Chicago and oversees the management of Ewing Manor. An elected Board of Directors comprised of alumni, friends of the University, and ex-officio campus representatives oversees the policies for the Illinois State University Foundation.

All gifts made to the Illinois State University Foundation are tax deductible as provided by law. Further information about the Foundation may be obtained by contacting the Vice President for University Advancement, (309) 438-7681.

Development Office: The Office of Development works with the Foundation to coordinate long-range programs to encourage private giving from the broad range of the University's constituencies. The financial support generated through private giving provides resources for scholarships, faculty rewards, departmental programming, facilities and equipment and endowments. The Development Office is located in Hovey 401.

Donor and Information Services: Located in Hovey 401, Donor and Information Services maintains the Alumni-Development Information Network (ADIN) and provides assistance to development staff and others on campus involved in alumni, fund-raising, and donor stewardship activities.

University Marketing and Communications: University Marketing and Communications provides services associated with print and video media and university promotions. University Marketing and Communication also oversees licensing agreements and produces a number of publications including *Illinois State Alumni Magazine.*

ADMISSION POLICIES

Admission Criteria

Illinois State University maintains a small college environment within a large university. We value personal attention for each and every student, and our commitment to individuals ensures that your application will be reviewed carefully by admissions representatives.

Illinois State seeks a highly-motivated, academically well-prepared, and diverse student body. Priority consideration for admission will be given to outstanding students whose applications are complete and postmarked during the priority filing period for the term for which they are applying (please see Projected Deadlines). Applications postmarked during the priority filing period may have an advantage when space is limited. Please refer to the 2007-2008 Undergraduate Application for Admission for more information.

You may apply for admission to Illinois State University online or by downloading an application from the Admissions Web site at www.IllinoisState.edu/apply. Paper applications are available beginning in September from your high school or community college guidance office or from Illinois State University's Office of Admissions. Applicants who are not United States citizens or United States permanent residents should request an international student application. Prospective graduate students should request a graduate application. Applicants 25 years of age or older who are interested in the Adult Learner program should request an adult learner application.

General Information

Prospective students may contact the Office of Admissions through a variety of sources.

Address:
Illinois State University
Office of Admissions, Hovey Hall 201
Campus Box 2200
Normal, IL 61790-2200

Telephone: (309) 438-2181
Toll free: (800) 366-2478
TTY: (309) 438-2006
Web sites: www.IllinoisState.edu/admissions
www.IllinoisState.edu/apply
www.IllinoisState.edu/openhouse
Email: admissions@IllinoisState.edu

The Office of Admissions is open from 8 a.m. until 4:30 p.m., Monday through Friday throughout the year, and from 9 a.m. until noon on most Saturdays from August through May when classes are in session. Contact the Office of Admissions to arrange a campus visit or meeting with an Admissions representative.

Student Classifications

Beginning Freshman: The following will classify a student as a new beginning freshman.

1. A person who has never attended any college or university since graduating from high school. Students earning college hours while in high school will be classified as a new beginning freshman.

2. A person who enrolls at any college or university during the summer term between high school graduation and the subsequent fall term at Illinois State University will be classified as a beginning freshman.

3. A person who graduates early from high school and attends a college or university during the spring term and begins at Illinois State the following fall will be considered a beginning freshman if the high school transcript posts the graduation date as May or June.

Transfer Student: The following will classify a student as a transfer student.

1. A person who has enrolled at any college or university, after graduating from high school, whether or not any work was completed. (Except for students who classify as Beginning Freshman under number 2 above.)

2. A person who graduates early from high school and attends a college or university during the spring term and begins at Illinois State the following fall will be considered a transfer student if the high school transcript posts the graduation date as January.

Former Illinois State Student: A person who wishes to return to Illinois State after one or more semesters away from campus.

Unclassified Undergraduate: A person who desires to take classes at the University without working toward a specific degree.

International Student: A person who is neither a United States citizen nor a United States permanent resident.

Special Admissions: A number of conditions under which certain categories of students are admitted (see Special Admissions Programs).

The following sections outline the criteria for the six admission categories previously listed.

FRESHMAN ADMISSION STANDARDS

1. College Preparation

You are encouraged to pursue as rigorous and challenging a college preparatory program as is available at your high school. You must show successful completion of:

- four years of English with emphasis on written and oral communication and literature.
- three years of college preparatory mathematics, including algebra I, geometry and algebra II-trigonometry, or higher.
- two years of social studies with emphasis on history and government.
- two years of laboratory science selected primarily from biology, chemistry, physics, and geology.
- two years of one *foreign language ***or*** two years of fine arts selected primarily from art, music and theatre.
- two years of electives, including courses in any two of the four categories above (excluding English) and/or courses in vocational education and fundamentals of computing.

*NOTE: All graduates of the College of Arts and Sciences must satisfy a foreign language graduation requirement that may be met by ***3 years*** of one foreign language in high school or completion of the second semester or higher of college-level foreign language with a grade of C or better or equivalent proficiency as determined by examination. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

2. Guide to Standardized Test Scores, Class Rank and Grade Point Average

- In making admissions decisions, Illinois State considers your ACT/SAT scores, high school transcript (including grade trends and rigor of courses completed), high school class rank, grade point average, your personal statement, and in some cases, letters of recommendation.
- Only results of ACT or SAT tests taken prior to the projected application deadline ***or*** the date on which the University stops accepting applications—whichever is earlier—will be considered for admission purposes.
- Of those freshman students admitted for the 2005-2006 academic year, approximately 90% ranked in the top half of their graduating class; 50% ranked in the top quarter of their class. The average ACT score was nearly 25 and there were significant increases over previous years in the number of admitted students having scores between 24 and 35. The middle 50 percent of admitted students earned ACT composite scores of 22 to 26 and the average GPA was 3.45.
- **NOTE:** It may not be possible to offer admission to all qualified applicants because of a highly competitive applicant pool and space limitations.

3. Personal Statement

Illinois State believes that student motivation and academic preparation are not fully revealed by a student's high school transcript(s) or standardized test scores. The ability to succeed at Illinois State may be indicated by factors which can only be explained in written personal statements.

- Illinois State's admissions process requires the submission of a personal statement, which will be reviewed along with other documentation submitted.
- Your personal statement may be used to comment on your motivation for college-level work, to explain circumstances that may affect our admission decision and that are not readily apparent from academic records, and your desire to attend Illinois State University. This is your opportunity to address the Admissions staff directly—to let the committee know more about you as an individual in a way that statistics cannot.

General Equivalency Diploma in Lieu of High School Diploma

Applicants who use general equivalency diploma (GED) test results in lieu of a high school diploma are required to submit GED test results reflecting the standard of 410 on each of the five tests and an average battery score of 450. Applicants must also submit ACT or SAT results as well as a personal statement.

FINALIZING ADMISSION

- Applicants are required to submit final official high school transcripts by August 1 in order to verify high school graduation prior to enrollment at Illinois State. In addition, official ACT or SAT scores also must be received by August 1. If the scores were not sent to Illinois State University at the time the test

was taken, students should request the scores to be sent from ACT or SAT. You may do this online for ACT, www.actstudent.org/scores/ or for SAT, www.collegeboard.com/.

- Admission decisions are conditional until high school academic preparation is verified on final transcripts. Admission may be revoked if satisfactory completion of minimum course specific requirements is not confirmed by the high school transcript.
- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

TRANSFER ADMISSION STANDARDS

Highest admission priority will be granted to transfer students with the strongest academic records. Of those transfer students admitted for the 2005-2006 academic year, the average grade point average was just above a 3.00 on a 4.00 scale.

Many majors have course prerequisites that are required for admission into the major. You should take these courses prior to transferring to Illinois State. For a guideline to these requirements, visit www.admissions.ilstu.edu/images/pdfs/TransferAdmissionsRecGrid.pdf.

In making admission decisions, Illinois State takes into consideration the following:

Transfer students with 24 or more completed semester hours at the time of application

- Cumulative college grade point average and, for some academic programs, prerequisite college coursework.
- Must be in good academic standing from last school attended.

Transfer students with fewer than 24 completed semester hours at the time of application

- Cumulative college grade point average and, for some academic programs, prerequisite college coursework, in addition to high school transcript (grade trends and rigor of courses completed), class rank, grade point average, and ACT/SAT scores.
- Must be in good academic standing from last school attended.

Calculation of admission grade point average: Illinois State generally uses all grades shown on all college transcripts to determine an admission grade point average. However, for repeated courses, only the last repeated grade will be used in calculating the grade point average for admission. Remedial (non-credit) course work is not used in calculating the admission GPA or number of semester hours earned at the time of application.

Please note, an Associate in Arts or Associate in Science degree does not guarantee admission. In addition, it may not be possible to offer admission to all qualified applicants because of a highly competitive pool and space limitations.

NOTE: All graduates of the College of Arts and Sciences must satisfy a foreign language graduation requirement that may be met by ***3 years*** of one foreign language in high school or completion of the second semester or higher of college-level foreign language with a grade of C or better or equivalent proficiency as determined by examination. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

SPECIAL CONDITIONS

- Transfer students must have official transcripts sent directly from all colleges and universities previously attended. Students with fewer than 24 semester hours of transfer credit at the time of application also must submit official high school transcripts and official ACT or SAT scores.
- Completed applications and all supporting documents must be on file in the Office of Admissions by the projected fall, spring, or summer term deadlines. It should be noted that admission decisions are conditional until final transcripts are received and conditions as stipulated in the letter of acceptance are met. Admission may be revoked if this information is not confirmed by the final official transcript(s).
- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

Transferability of Course Credit

After official transcripts from all previously attended universities are received and soon after admission to Illinois State, the Office of the University Registrar will send you a Statement of Transfer Credit indicating how each course transfers and how it has been used to fulfill Illinois State's curricular requirements.

If you have completed an A.A. or A.S. from any regionally accredited post secondary institution or the Illinois Transferable General Education Core Curriculum at an accredited, participating Illinois

college or university, you will be considered to have met the Illinois State University General Education requirements. Students completing an A.A. or A.S. will also have junior class standing.

Transfer students who transfer credit from participating Illinois colleges or universities that satisfies some but not all requirements of the Illinois Transferable General Education Core Curriculum may satisfy Illinois State General Education requirements by completing requirements for the Transferable Core Curriculum at Illinois State or by completing the University's own General Education program. Other students must complete Illinois State's General Education program.

Projected Deadlines

Academic Term/ Category	Priority Filing Period	Application Deadline*	Supporting Documents Deadline*
FRESHMAN			
Spring 2007	April 1- July 31	Nov. 1	Nov. 1
Summer 2007	Sept. 1- Nov. 15	March 1	April 1
Fall 2007	Sept. 1- Nov. 15	March 1	April 1
Spring 2008	April 1- July 31	Nov. 1	Nov. 1
TRANSFER			
Spring 2007	April 1- July 31	Nov. 1	Nov. 1
Summer 2007	Sept. 1- Nov. 15	March 1	June 1
Fall 2007	Sept. 1- Nov. 15	March 1	June 1
Spring 2008	April 1- July 31	Nov. 1	Nov. 1
FORMER ILLINOIS STATE STUDENT			
Spring 2007	April 1- July 31	Nov. 1	Nov. 1
Summer 2007	Sept. 1- Nov. 15	June 1	June 1
Fall 2007	Sept. 1- Nov. 15	June 1	June 1
Spring 2008	April 1 - July 31	Nov. 1	Nov. 1
SUMMER VISITOR			
Summer 2007	Sept. 1- Nov. 15	First day of classes	First day of classes

* Subject to change

Limited Transferability of Courses with Earned Grades of D

Illinois State generally accepts transfer courses with earned grades of D. However, certain courses in some major programs may require a grade of C or better. When a student who pursues one of these majors transfers D grade course credit that is equated to an Illinois State course requiring a grade of C or better, the student will have to repeat the course to satisfy the major program requirements.

Maximum Transfer Credit Awarded

The University Registrar will provide admitted transfer students with a Statement of Transfer Credit, specifying how the transferred credit may be used to meet Illinois State graduation requirements. Transfer credit from community colleges is limited to 66 semester hours, plus four credits of physical education courses; credit from four-year colleges and universities is limited to 90 semester hours. Additional credit for military service may be considered.

SECOND BACHELOR'S DEGREE

A student who already has received one bachelor's degree from Illinois State University, or from another college or university accredited for baccalaureate degrees by the appropriate regional accrediting association, may receive a second bachelor's degree at Illinois State University. All specified requirements at the time of admission to the program for the second degree must be met, and the program of studies completed for the second degree must include at least 32 semester hours of course work taken after the granting of the first degree, of which 30 hours must be taken in residence at Illinois State. At least 24 of the 32 hours offered toward the second degree must be senior college-level courses numbered 200 and above.

FORMER ILLINOIS STATE STUDENTS SEEKING READMISSION

Students wishing to return to Illinois State after being away for one or more semesters must apply for readmission. Applications may be obtained from the Office of Admissions, 201 Hovey Hall, Campus Box 2200 or from the Admissions Web site at www.IllinoisState.edu/apply.

Students who have been absent from the University for one or more semesters and left in good academic standing, and who have, in the meantime, attended any other institution of higher education must indicate such attendance on the admission application and supply an official

transcript from the other school(s). Students must have earned a C average (2.00/4.00) or higher for all course work taken since last attending Illinois State and have been in good academic standing at the last institution attended as a full- or part-time student. Applications must be submitted by the deadline. It may not be possible to offer admission for the term requested due to space limitations. Readmitted students should consult the section on Undergraduate Catalog Requirements to determine which catalog should be used to determine graduation requirements.

Students who have been academically dismissed from Illinois State for poor scholarship must petition for reinstatement. To petition for reinstatement, a student can complete the online petition at the Office of Enrollment Management and Academic Services Web site at www.emas.ilstu.edu.

NOTE: Students seeking reinstatement also must meet the requirements for readmission, as previously explained, by submitting a new undergraduate admission application as well as official transcripts from schools attended after dismissal from Illinois State. Reinstatement information may be obtained from the Office of Enrollment Management and Academic Services, Campus Box 4900, or by going to the EMAS Web site at www.emas.ilstu.edu.

New Start Policy: Students who leave Illinois State in a degree program with less than a 2.00 cumulative grade-point average (GPA) may be considered for readmission through the New Start Policy. Applicants admitted through this policy will begin with a new cumulative GPA calculated from the point of their reentry.

Students may be considered for readmission through the New Start Policy after being away from the University for one full year (Example: A student who last attended the University the Fall 2005 term cannot reenroll through the New Start Policy until the Spring 2007 term.) and only when the requirements of one of the following New Start categories are met: Nontraditional Student, Veteran, or Community College Transfer. These categories are described in detail in the Academic Policies and Practices section under the heading "Additional Academic Requirements" in this catalog and on the *2007-2008 New Start Application for Admission.*

The application process includes the submission of the *2007-2008 New Start Application for Admission,* official academic transcripts from all schools attended since leaving Illinois State, and a statement describing your potential to do well academically as described on the New Start application. In some cases, additional supporting documents may be requested from the University in order to complete your application. You are strongly encouraged to file an application as soon as possible during the priority-filing period for the term for which you are applying. Application deadlines are posted on the Admissions Web site at www.IllinoisState.edu/admissions and the *2007-2008 New Start Application for Admission.*

Students may exercise the New Start only once. Such students will have "New Start" indicated on their transcript. New Start will affect only the cumulative GPA. All grades earned at Illinois State, regardless of when earned, will be used in the calculation of the major GPA, the minor GPA, and graduation honors. Students who are admitted through the New Start Policy will be admitted on academic probation. Students who reenter under the New Start Policy must follow the *Undergraduate Catalog* in effect at the time of reentry. To be eligible for graduation, a student must earn at least 30 semester hours at Illinois State University after exercising New Start.

UNCLASSIFIED STUDENTS

Individuals desiring to take a class or classes at Illinois State without working toward a specific degree may be admitted as Unclassified Students. In general, they must have been out of high school for at least two years and must submit the necessary transcripts and test scores (summer visitors excluded). Applicants also will be required to provide evidence showing prerequisite background for the course(s) desired. Unclassified Students must meet the same admission requirements as new students and must maintain the same standard of performance as degree-seeking students. Unclassified Students who wish to become candidates for a degree at some later time must meet published requirements for admission into the desired program. Students who hold a baccalaureate degree from a regionally accredited college or university are not eligible for the unclassified undergraduate status. They must apply as a graduate Student-at-Large.

Summer Visitors: Students currently enrolled at another college or university, who plan to continue there, may attend a summer session at Illinois State University by submitting an application and an official statement of good standing in lieu of transcripts and test scores. A statement of good standing must be issued by the University Registrar or Academic Dean in charge of records from the college or university the student is currently attending. Students entering Illinois State in this manner are admitted as Unclassified Students. Please note that submission of official transcripts may be necessary for placement into some courses.

Adult Learner Program: All persons 25 years of age or older prior to the first day of class for any given semester may apply as an Adult Learner. Freshmen may be admitted without presenting ACT or SAT scores and without proof of high school diploma and/or GED. Transfer students may be admitted without submitting transcripts from schools previously attended if they have not been in attendance at a college or university two years prior to the semester for which they have applied. If attendance has been within two years, students must submit transcripts indicating a cumulative grade point average of 2.00 on a 4.00 scale and be in good standing at the last school attended. Adult Learners who, at some later time, wish to become candidates for a degree must complete 12 semester hours with a 2.00/4.00 grade point average at Illinois State or must submit transcripts of all previous college work and meet minimum university admission requirements. An adult learner application must be completed for admission and may be obtained from the Office of Admissions, 201 Hovey Hall, Campus Box 2200, or from the Admissions Web site at www.IllinoisState.edu/apply.

INTERNATIONAL STUDENT ADMISSION

Application Deadlines: International students may apply for admission in general accordance with procedures for native applicants. Filing deadlines for international student applications are May 1 for the fall semester, October 1 for the spring semester, and April 1 for the summer session.

Materials and Procedures: In addition to the completed application, the following materials are required:

1. Official academic records verified with seals and signatures sent directly from the school or examinations council.
2. Official Test of English as a Foreign Language (TOEFL) score report sent directly from Educational Testing Service in Princeton, New Jersey. Conditional admission for future completion of the TOEFL requirement is not available. Applicants whose native language is English are exempted from the requirement.
3. Declaration of finances showing source of support and official documentation of funds available for the first year's expenses is required for all students seeking F-1 status.

Upon receipt of all necessary materials, the Office of Admissions will review the application file, reach an admission decision, and send a Certificate of Eligibility for Non-immigrant (F-1) Student Status with the notification of acceptance.

During orientation week, new international students' written communication skills will be evaluated. The University will administer a test for placement in English 101, Language and Composition, a course required of all Illinois State students. Testing for other skills may be administered to determine placement in a sequence or course of the student's choice.

Eligibility: International students who meet all of the following criteria are eligible to apply as an undergraduate freshman student:

1. Earned the equivalent of a U.S. high school diploma from an international institution of secondary or high school level, or will do so within one academic year of application.
2. Shown academic achievement equal to a U.S. grade point average of C or better (2.00 on a 4.00 scale) in courses that reflect proficiencies in basic skill areas.
3. Earned a total score of 79 on the internet based test (iBT), 550 on the pencil/paper test or 213 on the computer based Test of English as a Foreign Language (TOEFL). International students may substitute ACT or SAT scores as described for United States applicants.

International Students who meet all of the following criteria are eligible to apply as undergraduate transfer students:

1. Earned credit at a recognized international or accredited U.S. institution of higher education or will do so within one year of application.
2. Shown academic achievement equal to U.S. grade point average of C or better (2.00 on a 4.00 scale). NOTE: Some departments have higher than the minimum standard for transfer admission. Refer to *Undergraduate Catalog* descriptions of majors.
3. Earned a total score of 79 on the internet based test (iBT), 550 on the pencil/paper test or 213 on the computer based Test Of English as a Foreign Language (TOEFL). This requirement is waived for students who acquire 60 semester hours while attending a college or university located in the U.S.

SPECIAL ADMISSION PROGRAMS

The University may admit a limited number of applicants with special characteristics and abilities who show the potential for success in collegiate work but who do not meet all the regular admission requirements. The special admissions programs are as follows:

Early Admit Program: Applicants who can benefit from college-level work prior to graduation from high school on a full- or part-time basis (concurrent with high school attendance).

Dual Enrollment Program: Offers qualified high school students an opportunity to take college-level classes. Dual Enrollment students are evaluated on a case-by-case basis. If admitted, they are given unclassified student status. They cannot be full-time students while still in high school and must take classes offered on campus.

Talent Program: Applicants who demonstrate an outstanding talent in art, music, theatre, or athletics.

Veterans' Program: Applicants who were Illinois residents at the time of entrance into the Armed Forces, who present a discharge for other than dishonorable reasons showing completion of at least a one-year active tour of duty in the Armed Forces, and whose first attendance at a college or university after discharge is at Illinois State can apply through this program.

Inquiries regarding these programs should be sent to the Office of Admissions, 201 Hovey Hall, Illinois State University, Campus Box 2200, Normal, IL 61790-2200, and should specify the particular program of interest.

Immunization and Medical Requirements for all Students

All students admitted to Illinois State University are required, by Public Act 85-1315 to provide proof of immunity for tetanus, diphtheria, measles, mumps, and rubella. Documentation of immunity must be complete and on file in the Student Health Service within the first 15 calendar days of the entering semester. Proof of immunity must include a tetanus/diphtheria booster within 10 years of attendance at Illinois State University; two measles immunizations, both after one year of age and after December 31, 1968; one mumps immunization after one year of age and after December 31, 1967; one rubella immunization after one year of age and after December 31, 1968. All immunization dates must be signed/certified by a physician or public health official. Immunization dates and certification can be documented on the Health History Report that also is required to be on file with the Student Health Service. Please note that a physical examination is not required. International students are required by University regulations to have a TB skin test within 10 days of their arrival on campus. The Student Health Service strongly recommends that all students have a TB (mantoux) skin test within the year prior to attending the University, immunization against Hepatitis B (a series of three injections), and immunization against bacterial meningitis.

Information and instructions for meeting the stated requirements are included with the Illinois State University Health History Report Form that is mailed to all incoming students. The Student Health Service recommends completion of the immunization information as soon as possible. Students not in compliance with the immunization requirements by September 4, 2006, Labor Day (if entering fall semester), or January 30, 2007 (if entering spring semester) will have subsequent semester registrations blocked and be assessed an administrative compliance fee. Further information can be obtained by calling the Student Health Service Preventive Medicine Clinic at (309) 438-8560 or by visiting the Web site at www.shs.ilstu.edu.

HONORS PROGRAMS

General Information

Honors Program, Corner of North and Fell Streets
Campus Box 6100, Normal, IL 61790-6100
(309) 438-2559

Director: Douglas D. Hesse
Web site: www.IllinoisState.edu/honors

The nationally recognized Honors Program at Illinois State University provides enriching educational opportunities for academically talented students. Excellent students committed to their own personal development and to rewarding professional careers find that their Illinois State Honors education prepares them well for professional schools, graduate schools, and for satisfying employment after they graduate. Honors students enjoy the benefits of a small college in the rich context of a large multipurpose university. The University offers Honors students early registration; special courses, taught by distinguished teachers and scholars; close, caring personal advisement by Honors Program advisors; unique opportunities for undergraduate research with world-class faculty scholars; special living accommodations which bring them into close acquaintance with other Honors students in academic and social programs; special awards and recognition; and other benefits.

Successful graduates of the Honors Program attend top law schools, medical schools, and graduate schools. They also obtain outstanding employment in a wide array of professions and careers.

ADMISSION TO THE HONORS PROGRAM

Incoming freshmen are invited to apply for admission to the Honors Program based on ACT/SAT scores and high school academic performance. Applications require a personal statement designed to give the Honors Admissions Committee a sense of how motivated an applicant is to pursue academic work. Students already enrolled in the University and incoming transfer students interested in Honors experience and participation may also apply for admission to the Program, and must also submit a personal statement. Acceptance into the program is based on the analysis of all information submitted in applications. There are no automatic cut-off scores; however, for the 2003-2004 academic year the average ACT score of freshmen admitted to the Honors Program was 29.01. The average GPA for current Illinois State Honors students was 3.72 and for transfer students was 3.73.

ACADEMIC SCHOLARSHIPS FOR NEW STUDENTS

Illinois State University offers scholarship programs to support academically talented new beginning freshman and transfer students. Several university-wide scholarship programs are listed below, but various departments, schools, and colleges offer their own academic scholarships, many of which are for new students. For further information, contact the Office of Admissions, the Honors Program, the Financial Aid Office, the Scholarship Resource Office within the Financial Aid Office, or the college or department/school associated with the program of study in which the student is interested. See also the Financial Assistance section of this catalog, which details additional academic scholarship programs.

Presidential Scholarships: Presidential Scholarships are awarded to outstanding students based on academic performance, without regard to financial need. Recipients of these scholarships are chosen by the University Scholarship Committee on the basis of academic accomplishments, as shown by high school academic record, and scores on college admissions tests (ACT/SAT); by demonstrated leadership qualities and evidence of commitment to service as well as an on campus interview. Presidential Scholars receive an $8,000 award renewable for up to eight semesters contingent on the student's continued attainment of a 3.30 cumulative grade point average (GPA) and satisfactory progress in the Presidential Scholars Program. Finalists in National Merit and National Achievement Program competitions who enroll as Presidential Scholars and who list Illinois State as their first-choice school receive an additional $2,000 renewable for up to eight semesters.

To be considered for the Presidential Scholarship you must be admitted to the University and submit a scholarship application by the scholarship deadline which is typically in early January.

Recent Presidential Scholars have ranked in the upper 4 percent of their high school classes, have average ACT composite scores in the lower 30s and higher, and demonstrate other meritorious traits as evidenced by their overall high school records.

Presidential Scholarship winners are automatically admitted to the University's Honors Program and the Presidential Scholars Program, an exclusive academic program combining some of the best courses in the University with a student-selected course of study, involving Honors Program advisors and selected professors around the University. The program is designed to offer participants the advantages of a small liberal arts college in the framework of an outstanding multipurpose university. This program is international in character, requiring an international studies experience and foreign language study. It also has a public service component, which enables students to earn academic credit for community service bringing them into contact with local professionals, depending on student interest and career goals.

Honors Scholarships: The Honors Program maintains a program of academic scholarships for new freshmen to support talented new students in the Program. These are tuition scholarships only for full-time study during the freshman year. Incoming students are eligible for these scholarships when they have applied for and been accepted into the Honors Program. To ensure full consideration applicants should submit their applications, available from the Honors Program, no later than March 1 in the spring before they enroll at Illinois State. Students who have applied for a Presidential Scholarship are automatically considered for the Honors Scholarship and do not need to submit a separate application.

Honors students already enrolled at Illinois State are invited each spring to apply for tuition scholarships for the following summer and academic year.

ACADEMIC PROGRAMS WITHIN THE HONORS PROGRAM

Honors Courses: Honors students enjoy special sections of regular university courses, including courses in the General Education Program. They may also enroll in special courses taught by the university's distinguished scholars and teachers, including Advanced Colloquia on various topics, Independent Honor Study, Honors Undergraduate Research, and Honors Service Learning. Among the courses offered by the Honors Program are those listed at the end of this section of the catalog.

Students may also complete an "In-Course" contract, negotiated with the faculty member, specifying requirements for Honors credit. Work completed in an Honors section or through an approved In-Course contract will result in an "H" on the transcript, reflecting Honors credit, for students enrolled in the Honors Program.

Opportunities for Undergraduate Research and Scholarship: The Honors Program sponsors several programs designed to help students pursue research and scholarship as undergraduates. This is an especially important opportunity for students aiming for advanced study in graduate or professional schools. Honors students have used such research opportunities as a basis for publishing articles, networking with professors in their disciplines, and receiving national scholarships and academic prizes. The Program provides financial support for research through two programs: Honors Research Mentorships and the summer Undergraduate Research Scholarships. Contact the Program for information about special curricular options involving undergraduate research.

Senior Professionals of Illinois State University: The Honors Program works with an organization of retired professionals in Central Illinois, Senior Professionals of Illinois State University, to offer mentorships for Honors students at the University. The organization consists of retired individuals from various professions, including lawyers, judges, university faculty and administrators, insurance executives, accountants, physicians, dentists, and numerous other professionals. These professionals mentor honors students, helping them make connections in their chosen fields, offering them advice regarding their professional aspirations, providing maturing social opportunities for them, and making scholarships available to them. This is a great opportunity, available only to Illinois State Honors students. Honors students may apply for Senior Professional mentorships at any time during their academic careers at Illinois State.

Preparation for Professional and Graduate Study: Illinois State students, including Honors students, frequently plan to seek graduate degrees and training in professional schools, such as law schools and medical schools, after they graduate from the University. The University supports these plans by having pre-law and pre-medical advisors for students wanting to pursue such professional training. For information about all pre-professional programs and for references to appropriate advisors, contact the Honors Program. Students interested in graduate study should contact advisors in the Honors Program and in their major departments.

Individually Designed Curricula: Honors students may, with the advice of select faculty members and Honors Program advisors, participate in the design of their own educational curricula, reflecting their special interests and goals. This option, called the Faculty Colleague Program,

includes individualized curricula for academic majors and minors and for General Education. It allows outstanding students the ability to shape for themselves useful curricular options that might not be available at any other university.

Presidential Scholars Program: The Presidential Scholars Program is an exclusive and unique academic program which offers students holding Presidential Scholarships special curricula both in General Education and in their major course of study; opportunities for study abroad; and select service learning experiences. Presidential Scholars in this program enjoy special social activities, such as dinners with the President, and special advisement. For more information, see the section about Academic Scholarships in the Honors section of this catalog.

Residential Programs for Honors Students: Students in the Honors Program may choose to live in Honors House in Atkin-Colby Hall, depending on availability. Honors House, staffed by student Honors Assistants serving as liaisons to the Honors Office, offers select social, cultural, and intellectual programs for students. Honors students living in Honors House may also move in several days before students moving into other residence halls each fall, enabling them to avoid long lines and crowds often associated with fall move-in. The sense of community found in Honors House makes it a popular residence for Honors students.

Competitive National and International Scholarships: The Honors Program maintains information about prestigious national and international scholarships. Many Illinois State students are eligible and can compete successfully for these scholarships. The Program assists students in applying for scholarships such as the Rhodes, Fulbright, Goldwater, Truman, Marshall, and Udall Scholarships, and many others. Students interested should attend scholarship informational workshops regularly scheduled by the Honors Program, and they should contact the Honors Office for further information.

CONTINUATION REQUIREMENTS

Honors students are required to maintain a minimum cumulative Grade Point Average of 3.30 and are required to complete three hours of Honors credit each semester (excluding summer term).

Honors Probation: Students whose cumulative GPA falls between 3.00 and 3.29 will be placed on Honors Probation, which allows them the opportunity to raise their GPA while enjoying the benefits of the Honors Program. Students must earn a minimum GPA of 3.30 each semester they are on Honors Probation and must raise their cumulative GPA to 3.30 within two semesters. First semester freshman will be placed on Honors Probation if their GPA falls between 2.70 and 3.29 and must also earn a minimum semester GPA of 3.30 for each semester they are on Honors Probation. First semester freshman have until the end of their fourth semester to raise their cumulative GPA to 3.30. Students who fail to meet these requirements will be dropped from the program.

Participation Requirements: Full-time Honors students must complete three credit hours of Honors coursework each fall and spring semester. Part-time Honors students must complete three credit hours of Honors coursework for every 15 credit hours completed during fall and spring semester. Students who complete more than three hours of honors credit may use these hours toward the fulfillment of this participation requirement in a later semester. Honors students who complete 24 hours of Honors coursework are exempt from further participation requirements. Students can meet these participation requirements by enrolling in Honors sections of regular courses, Honors Colloquia, Independent Honors Study, Undergraduate Research Participation or through an In-Course Honors Contract. Details about applying for In-Course Honors Contracts are available through the Honors Office. All In-Course Contracts are due in the Honors Office no later than the 15th day of the fall or spring semester.

Suspension for Non-Participation: Honors students who do not meet the participation requirement for the fall or spring semester will be placed on Honors Suspension for the upcoming semester. Honors students on suspension may not participate in the early registration period and will be assigned to a later registration date. To regain good standing, suspended Honors students must complete three hours of Honors credit during the semester they are on Honors Suspension. Honors students who do not meet this requirement, or who subsequently fail to meet the participation requirement will be dropped from the program and will not be eligible for readmission.

ACADEMIC HONORS

Dean's List: Undergraduates who meet high academic standards, as established by colleges affiliated with their major departments, are included in a Dean's List issued each semester. Many Honors students achieve recognition on Dean's Lists from various colleges. See the criteria for inclusion on Dean's Lists in the Academic Services section of this catalog.

Robert G. Bone Scholarship: Bone Scholarships are the highest academic honor awarded to undergraduates, and many of them are awarded to Honors students. For a fuller description, see Academic Honors in the Academic Services section in this catalog.

Charles W. Bolen Senior Professionals Honors Student Award: Honors students mentored by Senior Professionals are eligible to apply for the $1,000 Charles W. Bolen Scholarship. Scholarships are awarded each spring based on applicants' involvement with the Senior Professionals Program, academic accomplishments, and campus and community involvement.

UNDERGRADUATE DEGREES WITH HONORS

Degrees with Distinction: Eligible students may graduate from Illinois State with traditional, Latin-named degrees with distinction: cum laude; magna cum laude; or summa cum laude. Many Honors students graduate with these distinctions. These designations are indicated both on a student's diploma and transcript. See the criteria under Degrees with Honors in the Degree Requirements section of this catalog.

Honors students receiving undergraduate degrees may receive one or more Honors designations, available to students with various types of commitment to academic work beyond the basic catalog requirements. The following designations are recorded permanently on student transcripts, and some of them are noted on diplomas. Such designations help students gain entry into graduate and professional schools, and enhance employment opportunities.

Sophomore Honors Scholar: Students awarded this honor must meet the following conditions: (1) Earn 12 hours of Honors credit with grades of A or B; at least 6 hours must be through honors sections; (2) earn a cumulative grade point average of at least 3.40 at the end of the fourth semester and be in good standing in the Honors Program; and (3) complete either option A or Option B that follows.

OPTION A: (For students in the Honors Program first semester freshman year.)

— Successfully complete IDS 102.17, Honors Freshman Seminar or IDS 102.70, Presidential Scholars Seminar with a grade of A or B;
— Participate in 3 Honors Experiences:

a. Attend and submit documentation for three Honors events as approved for this designation by the Honors Program.

b. At least two different types of events are required: either one Research Mentorship presentation and two educational programs in Honors House or one Research Mentorship presentation, volunteer at the Undergraduate Research Symposium, and attend an Honors-sponsored speaker event (two acceptable ways to fulfill this requirement).

c. Unless otherwise noted, documentation of participation will be collected at the conclusion of the event.

OPTION B: (For students starting in the Honors Program second semester freshman year.)

— Participate in 4 Honors Experiences:

Attend and submit documentation of four Honors events as approved for this designation by the Honors Program and meeting the criteria described above under Option A, in b and c.

Honors Program Scholar: Students who graduate in good standing in the Honors Program with a Grade Point Average of 3.30 or higher, who have completed a minimum of 9 hours of Honors credit with grades of A or B, and have completed a minimum of 3 semesters in the Honors Program will be designated Honors Program Scholars. This designation is indicated on their transcript and in the Commencement Booklet. Honors Program Scholars wear a red cord at Commencement.

Certificate in University Honors: Students awarded this certificate must satisfy the following requirements: (1) Overall GPA of 3.50 at graduation; (2) at least 12 hours of Honors coursework, earning grades of A or B; (3) 4 semesters participation in the Honors Program; (4) at least one of the following Honors experiences: (a) Advanced Honors Colloquium, (b) Undergraduate Research Participation (3 semester hours), (c) Independent Honors Study (3 semester hours), or (d) Honors Thesis (3 semester hours). This designation is reflected on student transcripts. Students must apply for this designation to the Honors Office prior to graduation.

University Honors Scholar: Students named University Honors Scholars, the highest Honors Program graduation designation, must satisfy the following requirements: (1) Overall GPA of 3.65 at graduation; (2) 4 semesters participation in the Honors Program; and (3) at least 24 semester hours of Honors coursework with grades of A or B, including two different Honors experiences from the following: (a) Advanced Honors Colloquium, (b) 3 semester hours of Honors Undergraduate Research Participation, (c) 3 semester hours of

Independent Honors Study, (d) 3 semester hours of Honors Thesis (e) being designated a Departmental Honors Scholar, or (f) satisfactorily completing an Honors Research Mentorship. This designation is indicated on student transcripts and diplomas following approval of a student application for this designation to the Honors Office prior to graduation.

Presidential Scholar: Honors Program Scholars who complete the requirements of the Presidential Scholars Program, have a minimum GPA of 3.30 and are in good standing at the time of graduation will be designated Presidential Scholars. This designation is indicated on student transcripts and in the Commencement Booklet. Presidential Scholars wear a silver cord at Commencement in lieu of the red cord.

Departmental Honors Scholar: Special academic work leading to a student in the Honors Program being designated as a Departmental Honors Scholar is available in all academic departments or schools in the University. The criteria for becoming a Departmental Honors Scholar vary from one department or school to another, ranging from a specific sequence of courses to writing and defending special theses or completing special research projects. Criteria for this designation are available in the Honors Program Office or in various departmental offices. This designation is indicated on student transcripts and diplomas following approval of a student application for this designation to the Honors Office prior to graduation.

CAMPUS HONOR SOCIETIES

Illinois State University sponsors numerous discipline-specific and general honor societies across campus, ranging from organizations which are solely honorific to those honor societies which offer service to the campus and community, giving students the opportunity to develop academic networks, and leadership and social skills. Honor societies specific to the various academic disciplines are sponsored by different academic departments at Illinois State, while general honor societies are sponsored at the college or university level. The Honors Program maintains information about honor societies on campus, and students interested in possibly becoming members of appropriate honor societies should contact the Program for further information.

Honors Courses

IDS

102 HONORS COLLOQUIUM 1-4 F
May be repeated once for cr if topic is different.
Interdisciplinary, for students in the Honors Program. Weekly sessions, presented by one or more specialists on the topic, explore a semester theme.

202 ADVANCED HONORS COLLOQUIUM 3 F,S
Jr standing or cons Honors Dir req. May be repeated once if topic is different.
Weekly sessions presented by a specialist dealing with a semester's topic for advanced students in the Honors Program.

225 NATIONAL COLLEGIATE HONORS EXCHANGE 1-6 F,S
Participation in Illinois State Honors Program.
Honors study for one semester at another university.

285 HONORS UNDERGRADUATE RESEARCH 1-3 F,S
Cons Honors Dir req. May be repeated.
Honors student assists a faculty member on the faculty member's research project.

286 HONORS UNDERGRADUATE RESEARCH II 1-3 F,S
IDS 285 req. May be repeated.
Continuation of IDS 285.

299 INDEPENDENT HONOR STUDY 1-6
Open only to students in the Honors Program who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Max of 6 hrs may be applied toward graduation. Cons inst, dept chair or school dir, and Dir of Honors req. Limit of 9 hrs of IDS 299 and 395 combined may count toward graduation.
Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination.

395 HONORS THESIS 1-6 F,S
Open only to students in the Honors Program who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Max of 6 hrs may be applied toward graduation. Cons inst, dept chair/school dir, and Dir of Honors req. Limit of 9 hrs of IDS 299 and 395 combined may count toward graduation.
Intensive research in a special area of the student's major. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis.

MAKING THE TRANSITION

Making the transition from your home environment to the collegiate lifestyle you will enjoy at Illinois State University is truly an exciting and emotional experience. You are joining thousands of students, all of whom have journeyed to the campus from different lifestyles and arrived with unique sets of skills and interests.

You will find you share a common bond with each of your peers, all of whom will experience the mix of anticipation and apprehension that accompanies your initial days as an undergraduate. As the new becomes familiar, however, you will find yourself immersed in an exciting atmosphere ripe with learning and life-changing opportunities.

You soon will realize Illinois State is committed to providing you with an excellent academic experience. Through the personal attention of faculty esteemed in their areas of expertise you will gain unique academic opportunities that will challenge you today in preparation for the professional tests you undoubtedly will encounter in the future.

The University makes a special effort to increase student involvement in the expansion of knowledge through active participation in research, teaming students with professors through collaborative projects and faculty-student mentorships. The campus learning environment is expanded through new applications of instructional technology as well as internships that connect students with the world outside the University through programs in a variety of fields. Others become involved in community service activities that link academic issues and skills with societal issues and concerns. Still other students seek a global perspective that is readily available through multiple international exchange opportunities.

Whether you are enrolling directly from high school or entering the University as a transfer student from another institution, you are making one of the most memorable changes of your life.

While questions and concerns inevitably will surface, the transition to Illinois State can be exciting and enjoyable. The key to a smooth transition often is found in knowing how to easily access information. This chapter addresses some of the most common issues you and your family will likely face as you begin to explore the University.

MAKING THE TRIP

Illinois State is conveniently located at the intersection of three interstates and can be reached by bus, train, and air service. Please refer to the maps in this catalog or at the University's Web site at www.ilstu.edu/map to help in your travel plans.

VISITING THE CAMPUS

The Office of Admissions encourages students and families to visit campus. Campus Information Sessions, which include a question and answer session with an admissions representative, a walking tour of campus, and typically a residence hall tour, are offered most weekdays Monday through Friday throughout the year and on scheduled Saturdays from August through May when classes are in session. In addition to Campus Information Sessions, you may schedule an appointment with an admissions representative or attend one of the several Open House Programs held throughout the year.

To make a reservation for a Campus Information Session, an Open House, or to arrange an appointment with an admissions representative, please contact the Office of Admissions by telephone at (309) 438-2181, toll free at 1-800-366-2478, by email at admissions@IllinoisState.edu, or online at www.IllinoisState.edu/admissions. The Office of Admissions is located in 201 Hovey Hall and is open from 8 a.m. until 4:30 p.m. Monday through Friday, and from 9 a.m. until noon on scheduled Saturdays.

The Financial Aid Office is located in Fell Hall and may be reached weekdays from 8 a.m. until to 4:30 p.m. by telephone at (309) 438-2231 or email: askfao@ilstu.edu. Staff see students on an appointment or walk-in basis from 8 a.m. until 4:30 p.m., Monday through Friday. Individual assistance is provided to students and their families regarding eligibility requirements, application procedures, need determination, and available types of aid. The Financial Aid Web site is www.financialaid.ilstu.edu. Please refer to the section on Financial Assistance for additional information.

ADDITIONAL INFORMATION

Individuals comfortable with the Internet will find answers to many of their questions by researching the University's home page at www.IllinoisState.edu on the World Wide Web.

You also may wish to contact offices or departments directly by phone using the numbers listed below.

University Operator	(309) 438-2111
Academic Advisement	438-7604
Admissions	(800) 366-2478 or 438-2181
Athletics	438-3639
Disability Concerns	438-5853
Diversity & Affirmative Action	438-3383
Financial Aid	438-2231
Graduate School	438-2583
Honors Program	438-2559
International Studies	438-5365
Office of Parking & Transportation	438-8391
Office of University Registrar / Student Service Referral Center	438-2188
Parent Services	438-3753
Student Affairs	438-5451
University College	438-7604
University Housing Services	438-8611
Veterans Services	438-2207

HELPFUL HINTS

Unfortunately not every student who hopes to attend Illinois State is able to enroll, as applications increasingly exceed space availability. For that reason you are encouraged to submit your application for admission during the priority filing period for the term for which you are applying.

You also should act promptly if you wish to take full advantage of financial aid opportunities that may be available. To be considered for financial aid you must submit the Free Application for Federal Student Aid (FAFSA) as soon as possible after January 1 and prior to the preferential filing date of March 1. Please refer to the section on Financial Assistance for additional important information.

HOUSING

If you are entering Illinois State as a freshman or as a sophomore transfer student, you will be required to live in a residence hall. The University operates 13 halls with more than 20 lifestyle options that you will want to explore as you determine what living situation best fits your needs. Please refer to the section on Campus Experience for additional important information.

ORIENTATION

Illinois State offers various orientation programs to help you become quickly acclimated to the campus and classroom. These include Preview, Passages, and Transfer Registration Program.

Preview, designed for freshman students, is held each summer as a way to bridge the gap between high school days and college life. A two-day program for students and their family members or guests, Preview includes placement testing, academic advisement, registration, and orientation sessions to the campus and community. Please contact University College at (309) 438-8486 or visit their Web site at www.ucollege.ilstu.edu for additional information.

Passages is scheduled as the official welcome weekend to the fall semester. It is designed to help new students (freshman, transfer and graduate) become part of the Illinois State University community. The program provides educational, social and recreational activities throughout the weekend. Further information is available from the Dean of Students Office-Student Transitions, 387 Student Services Building, (309) 438-2151 or TTY (309) 438-2762 and at www.passages.ilstu.edu.

Transfer Registration Program, offered during the on-campus advance registration periods in the fall and spring, provide admitted transfer students the opportunity to meet with their academic advisor and register in advance for classes. Please contact the Office of University Registrar at (309) 438-7519 for additional information.

POINTERS FOR PARENTS

Illinois State encourages parents to stay actively involved in their child's education and makes available a Parents' Guide that addresses common academic questions, as well as how to deal with everything from homesickness to maintaining strong communication. The guide also is an excellent resource for parents of the programs and services available to students at Illinois State University. Please contact Parent Services at (309) 438-3753 to obtain a copy of this helpful publication.

UNDERGRADUATE EXPERIENCE

Illinois State University has one of the largest undergraduate programs in Illinois and a distinguished history as the first public institution of higher education in the state. With such a rich heritage, the University has established a long-standing tradition of excellence in undergraduate education. The attention to baccalaureate education is demonstrated repeatedly as the campus community works to implement innovative programs that specifically benefit the undergraduate student.

As an undergraduate you soon will recognize the University is your partner in preparing for your success not only in the classroom but beyond and into the workplace. You will benefit from the invaluable time and expertise shared through individualized faculty attention, as more than 90 percent of undergraduate classes at Illinois State are taught by faculty members.

Fields of Study

The University offers a wide range of bachelor's degree programs available in the following fields of study:

Major and Major/Minor Programs

Accountancy
Agribusiness
Agriculture
Anthropology
Art
Arts and Sciences (General Studies)
Arts Technology
Athletic Training
Biochemistry/Molecular Biology
Biological Sciences
Business Administration
Business Information Systems
Business Teacher Education
Chemistry
Clinical Laboratory Science
Communication Studies
Computer Science
Criminal Justice Sciences
Early Childhood Education
Economics
Elementary Education
English
Environmental Health
Exercise Science
Family and Consumer Sciences
Finance
French
Geography
Geology
German
Health Education
Health Information Management
History
Industrial Technology
Information Systems
Insurance
Interdisciplinary Studies
International Business
Journalism
Management
Marketing
Mass Communication
Mathematics
Middle Level Teacher Education
Music
Nursing
Philosophy
Physical Education
Physics
Political Science
Psychology
Public Relations
Recreation and Park Administration
Safety
Social Sciences Education
Social Work
Sociology
Spanish
Special Education
Speech Pathology-Audiology
Technology Education
Telecommunications Management
Theatre
University Studies

Minor Only Programs

African-American Studies
African Studies
Children's Studies
Cinema Studies
Cognitive Science
Community Health Education
Comparative Literature
Dance
East Asian Studies
Environmental Studies
Ethnic and Cultural Studies
Foreign Languages in the Elementary School
Gerontology
Instructional Media
International Studies
Italian Studies
Journalism Teacher Education
Latin
Latin American, Caribbean, and Latino/a Studies
Legal Studies
Middle Eastern and South Asian Studies
Military Science
Peace and Conflict Resolution Studies
Reading
Religious Studies
School Health Education
Teaching English to Speakers of Other Languages
Tourism Studies
Urban Studies
Women's Studies
Writing

COSTS

ESTIMATED TOTAL YEARLY EXPENSES

Because Illinois State University is a state-supported institution, the cost of attendance is relatively low. The total cost of attendance for new students for the 2005-2006 academic year (fall semester and spring semester) was $16,553 for a student who is an Illinois resident registered for 15 hours each semester and living in a University residence hall. This amount included $12,839 for tuition, fees, room and board, and an additional $3,714 for books and supplies, transportation, and personal expenses. Estimated expenses for married students or students with dependents vary according to family size. Out-of-state residents pay higher tuition charges and normally spend more on travel.

Tuition, fees, and on-campus housing charges are subject to change by action of the Board of Trustees. All other amounts are estimates and are subject to change.

UNDERGRADUATE TUITION AND FEES FOR NEW STUDENTS

Tuition and fee rates for new students for the 2006-2007 academic year had not been determined at the time this catalog was printed. Therefore, the costs provided below are costs for new students for the 2005-2006 academic year. Tuition and fees for the 2006-2007 academic year will be determined by the Board of Trustees.

Tuition and fees other than health insurance are assessed at per semester hour rates through the first 16 hours. Health insurance is assessed to all students enrolled in nine or more semester hours.

New Student Rate Schedule 2005-2006

General Fees per semester hour:

General Activity	$5.84
Athletic and Service	11.47
Bone Student Center	6.55
Recreation/Athletic Facilities	3.30
Redbird Arena	4.60
Health Service	7.54
Student-to-Student Grant	0.33
Grant-in-Aid	0.13
Campus Enhancement	6.94
Total	$46.70

	Residents	Non-Residents
Tuition: (per hour)	$ 180.00	$ 376.00
Fees: (per hour)	$ 46.70	$ 46.70
Health Insurance: (9 or more semester hours)	$ 145.00	$ 145.00

Examples:

3 semester hours	$ 680.10	$ 1,268.10
6 semester hours	1,360.20	2,536.20
9 semester hours	2,185.30	3,949.30
12 semester hours	2,865.40	5,217.40
16 or more semester hours	3,772.20	6,908.20

Special Fees:

Registration Installment Fee	$35
Bachelor's Degree Graduation Fee	$25
Late Registration Fee	$25
Late Payment Fee (after scheduled dates)	$10

Upon being first enrolled in a degree program at Illinois State University, tuition and general fee rates for undergraduate students will be locked for a four-year period. Certain degree programs qualify for the locked rate to be extended beyond the four-year period. Please refer to the Student Accounts Web page at www.comptroller.ilstu.edu/studentaccounts/tuitfees.stm for additional information.

Audit Costs: Students taking only audit courses (courses without credit) are charged tuition at the rates shown above to a maximum of 16 hours.

Residents and Non-Residents: An applicant or enrolled student is classified either as a resident of Illinois, a non-resident, or a foreign student. Residency for tuition purposes is different from residency for voting, taxing purposes, or residency requirements of on-campus doctoral programs.

A student must be a U.S. citizen or have been approved for U.S. Permanent Resident status in order to be considered as an Illinois resident. An individual's residency status is based on information from the admission application. A student who is not a resident of Illinois pays the non-resident tuition fee as indicated. All other fees are the same for non-residents. A student under 18 years of age is considered a non-resident if the student's parents are not legal residents of Illinois.

A student over 18 years of age is considered a non-resident if the student is not a legal resident of Illinois. Personnel within the Office of the University Registrar are responsible for determining residency.

An individual will be considered an Illinois resident if all of the following conditions are met:

1. The individual resided with his or her parent or guardian while attending public or private high school in this State.
2. The individual graduated from a public or private high school or received the equivalent of a high school diploma in this State.
3. The individual attended school in this State for at least 3 years as of the date the individual graduated from high school or received the equivalent of a high school diploma.
4. The individual registers as an entering student in the University not earlier than the 2004 fall semester.
5. In the case of an individual who is not a citizen or a permanent resident of the United States, the individual provides the University with an affidavit stating that the individual will file an application to become a permanent resident of the United States at the earliest opportunity the individual is eligible to do so.

Tuition and fees are subject to change by action of the Board of Trustees and the General Assembly.

Transcripts: Transcripts are issued only after all student financial obligations have been met. Students should make a written, signed request to Office of the University Registrar, Campus Box 2202, Normal, IL 61790-2202. A $6.00 charge (fee subject to change) is made for each official transcript. Requests should include identification number, birthdate, and complete address, including zip code, to which the transcript is to be sent. When possible, transcript requests are processed within five working days.

Materials Charges: A materials charge is an optional fee charged to a student for consumable materials used in a course. A student may supply his or her own material and submit a written request to the instructor to waive the charge. Courses with material charges are listed in the *Undergraduate Catalog, Graduate Catalog*, and on the *iCampus Portal.*

Reduction of Tuition and Fees Policy: A registered student who officially withdraws from the University may receive a reduction of tuition and fees, including any advance deposit according to the following schedule:

1. If withdrawal is prior to the first regularly scheduled class day, all tuition and fees are deleted.
2. If withdrawal is within the first 15 calendar days after the first regularly scheduled class day, all tuition and fees minus a service charge of $30 are refunded.
3. If withdrawal is after the 15th calendar day but within the sixty percent point in time of the period of enrollment—a refund equal to the portion of the period of enrollment remaining, rounded downward to the nearest ten percent, less an administrative fee not to exceed the lesser of five percent of the initial tuition, fees, and other charges assessed the student or $100.
4. If withdrawal is after the sixty percent point in time of the period of enrollment—no refund shall be made.

The University may designate shorter refund periods for summer session, special courses, and short courses.

All notifications of withdrawal or cancellation and requests for refunds must be in writing and addressed to Office of the University Registrar, Illinois State University, Campus Box 2202, Normal, IL 61790-2202, or faxed to: (309) 438-3193.

A student who changes from full- to part-time status or a part-time student who reduces the number of credit hours carried may receive a reduction of tuition and fees according to the following schedule:

1. If the reduction is on or before the 15th calendar day after the first regularly scheduled class day, all tuition and fees not applicable to the new part-time status are reduced. A service charge is not applicable to a student who changes from full-time to part-time status.
2. If the reduction is after the 15th but no later than the 30th calendar day after the first regularly scheduled class day, 25 percent of the difference in tuition charge only is reduced.

A student may receive a refund of insurance fees if the student demonstrates equal or better insurance coverage and completes the written application on or before the 15th calendar day after the first regularly scheduled class day.

A student whose course of study requires absence from campus for the entire term shall,

upon proper application, receive refunds of Activity, Health Service, and Athletic fees. The application for the refund must be made to the Office of University Registrar on or before the 15th calendar day after the first regularly scheduled class day.

Part or all of a student's tuition and fees may be refunded because of the student's death or disability, extreme hardship, or institutional error.

A student may receive a refund of tuition and fees if a scholarship is awarded that covers those fees. The application for refund must be made no later than 60 days after the close of the session.

A student may receive a refund of tuition and fees if the University declares him or her ineligible for enrolled status prior to the first day of regularly scheduled class.

The statement of the refund policy for University housing is a part of the housing contract. Information on the refund policy may be obtained from the Student Accounts Office.

Students or parents who believe that individual circumstances warrant exceptions from published policy may appeal to the Associate Vice President for Student Affairs by calling (309) 438-5451.

Housing Costs: The typical room and board rate in the residence halls for the 2005-2006 academic year was $5,748 for multiple occupancy and the Silver meal plan. A limited number of singles and super singles are available at an additional cost. Two apartment complexes are available for qualifying upper-class, married, graduate, and family students. Rental rates for 2005-2006 ranged from $334 to $457. For further information, contact University Housing Services.



FINANCIAL ASSISTANCE

Between 70 and 75 percent of all students who attend the University receive some sort of financial aid in the form of loans, scholarships, tuition waivers, grants and employment. In addition to funds received through gift aid and loans, many Illinois State students seek employment to help cover expenses.

Students interested in applying for financial assistance may contact the Financial Aid Office, which annually administers and coordinates the more than 119 million dollars provided to students.

FINANCIAL AID OFFICE

231 Fell Hall, (309) 438-2231
www.financialaid.ilstu.edu

All students are encouraged to apply for financial aid by completing the Free Application for Federal Student Aid (FAFSA). This application determines eligibility for state, federal and institutional financial aid, including student loans.

General Information

Financial aid counselors are available Monday through Friday from 8 a.m. to 4:30 p.m. for telephone and walk-in service when the University is open. In addition, you may access information at www.financialaid.ilstu.edu, the Web site for the Financial Aid Office. Information on the Web site includes:

— Office hours, phone number and location; information concerning the application process, cost of attendance and aid programs available to students;

— FAFSA on the Web, which allows you to file the Free Application for Federal Student Aid electronically;

— Financial Aid forms and worksheets available to download;

— Scholarship searches;

— Important dates for your calendar;

— A link to Illinois State's *iCampus portal* so that you can check the status and progress of your aid application. *iCampus* also allows you to register for classes, confirm attendance, view grades, schedule, textbooks, email, Redbird card balance and more through a Web browser from anywhere in the world. In addition, you can verify and/or update your address information on file with the Office of the University Registrar;

— Entrance and Exit Loan Counseling;

— The Student Guide - financial aid information from the U. S. Department of Education;

— Commonly asked questions and answers

Using email at askfao@ilstu.edu is another way to contact the Financial Aid office. You will receive a response within two business days.

Institutional and Financial Assistance Information for Students

The law (the Higher Education Act of 1965, as amended, and regulation 34 CFR 668) requires Illinois State University to notify enrolled students and the parents of dependent enrolled students annually of the availability of the following information:

— your rights under the Family Education Rights and Privacy Act;

— your right to a deferment of repayment of your Federal Direct Loan for Peace Corps or volunteer service;

— financial aid available at Illinois State University;

— information about Illinois State University;

— the graduation rate of degree-seeking, full-time undergraduate students at Illinois State University;

— an annual campus security report; and,

— a report on athletic program participation and financial support data.

General Eligibility Criteria

To qualify for federal or state financial aid programs, you must:

1. be a United States citizen or have resident alien status;
2. complete and submit the Free Application for Federal Student Aid (FAFSA) to the federal processor either on paper or on line;
3. be enrolled for a minimum of 6 hours (half-time status) per semester (Students not pursuing a degree or unclassified students are not eligible

for financial aid, including loans.); not be in default on a Perkins Loan or any federally guaranteed loan;
4. not owe a repayment to a federal grant program;
5. make satisfactory progress toward a degree as defined by Illinois State University (See Satisfactory Academic Progress); and
6. be registered with Selective Service, if you are a male at least 18 years of age, born after 1959, and not currently an active member of the U.S. Armed Forces.

NOTE: A student may not receive federal or state financial aid from more than one institution at the same time.

APPLICATION PROCEDURES

To be considered for financial aid at Illinois State University, you must complete and submit the Free Application for Federal Student Aid (FAFSA), or the Renewal FAFSA, based on the following time table:

In ***November*** - Renewal aid applicants will be sent an e-mail notification or a packet containing a PIN for Renewal FAFSA on the Web depending on whether they provided a valid email address on the current year's FAFSA.

In ***January or February*** - Complete the Renewal FAFSA on the Web at www.fafsa.ed.gov using your PIN, or mail the paper Renewal FAFSA. If you do not already have a PIN, you can apply for one by going to the Web site www.pin.ed.gov.

The priority FAFSA filing date for Illinois State University is **March 1, 2006**. The federal processor must receive your application by this date to insure your application receives full consideration for all financial aid programs. If your FAFSA is received after March 1, you will be considered for financial aid programs for which you are eligible and that have remaining funds.

If you or your parents (if you are a dependent student) have not completed your federal tax return by March 1, you can still apply on time by indicating on the FAFSA that you will file but have not yet completed your tax return.

In ***March or April*** - After you receive your Student Aid Report, you must review it for accuracy. You can then make any necessary corrections based on your and/or your parents' tax return information.

The income and asset information provided on the FAFSA determines your financial aid eligibility. Be sure to use Illinois State's Title IV school code: 001692. There is no separate institutional application for financial aid at Illinois State. You will need to submit an additional application for summer aid (see Financial Aid for Summer Session).

Financial Aid for the Summer Session: If you are enrolled for at least six hours of coursework, you may apply for financial aid. The application form for the Summer Session will be available at the Financial Aid Office, 231 Fell Hall, and in the Forms and Publications section of the fao.ilstu.edu Web site in early March.

Data from your FAFSA will be used to determine your eligibility for aid for the summer session. Aid funds for the summer session are very limited. Direct Loan funds are available only if you have remaining loan eligibility for your class level.

Institutional Quality Assurance Program (IQAP): Illinois State University is a participant in the U.S. Department of Education's Institutional Quality Assurance Program. It is important that you keep copies of federal tax returns and W2s, including those of your parents if you apply as a dependent student, because Department of Education regulations require the Financial Aid Office to verify the accuracy of financial data for selected aid applicants. If your application is selected for review under this program, you will be notified in writing and asked to provide the above documents. It is important that you respond within the specified time frame. Otherwise, processing of your financial aid, including loans, may be delayed.

FEDERAL GRANTS AND BENEFITS

Federal grants and benefits are considered "gift aid," and do not need to be repaid. Grants commonly received by Illinois State students are:

Federal Pell Grant: Eligibility is determined by the information provided on your FAFSA and is based on the calculated Expected Family Contribution (EFC) on your Student Aid Report.

Federal Supplemental Educational Opportunity Grant (FSEOG): This grant is awarded to students with exceptional financial need. At Illinois State, the award is $1,000 per academic year. You must be enrolled for a minimum of six hours per semester to receive this grant.

Veterans' G.I. Bill: Students who have served in the U.S. Armed Forces should contact the Illinois State University Office of Veterans Services, 112 Moulton Hall, for additional details.

Survivors' and Dependents' G.I. Bill: Survivors (spouse and/or children) of veterans, whose deaths or permanent, total disabilities occurred during service, may be eligible for benefits

if the veteran served since the Spanish-American War. Children of veterans missing-in-action or prisoners of war for more than 90 days are also eligible for this benefit. For details, contact the Illinois State University Office of Veterans Services, 112 Moulton Hall.

ISU GRANTS

Student-to-Student Grant: All Illinois residents who meet the March 1 preferential filing date for the FAFSA and who are ISAC MAP Grant eligible (see the following section) are automatically considered for this program as part of the application process. The maximum STS grant is $500 and the combination of STS and the Federal Supplemental Educational Opportunity Grant cannot exceed $1,000.

MAP Supplemental Grant: All Illinois residents who are ISAC MAP Grant eligible (see the following section) are automatically considered for this program as part of the application process. The maximum supplemental grant is the difference between the maximum MAP grant and tuition and fees for 15 credit hours, and the minimum is $500.

STATE SCHOLARSHIPS AND GRANTS

Department of Rehabilitation Services: Public Law 113 mandates federal and state governments to provide rehabilitation services to anyone with a disability the opportunity to pursue post-secondary education. This grant is applied to tuition, fees, and/or maintenance costs. For more information or assistance in the application process, Illinois State students with a disability should contact the Department of Rehabilitation Services; 207 S. Prospect Road, Bloomington, IL, (309) 662-1347.

You and/or your parents must meet residency requirements based on regulations from **the Illinois Student Assistance Commission (ISAC)** to be eligible for the following programs.

Monetary Award Program (ISAC MAP Grant): If you are enrolled for at least six hours of coursework, meet residency requirements, and have eligibility for this award based on your Expected Family Contribution, this grant will be applied directly to your tuition and fees charges.

Illinois Incentive for Access (IIA) Grant: You are eligible for this $500 grant if you are classified as a freshman, a resident of Illinois, and your Expected Family Contribution (EPC) based on FAFSA data is zero (0). This grant is for one academic year and can be used for any

State of Illinois ROTC Scholarship: You may apply for this scholarship through the Military Science Department if you are a full-time student enrolled in a Military Science course. This competitive award will credit all tuition charges as well as the general activity fee. You would be responsible for the remainder of your fee charges. You would be able to retain this scholarship for up to eight semesters as long as criteria are met. Freshmen and sophomores may use this scholarship without incurring a military service obligation.

General Assembly Scholarships: You should contact your State Senator or State Representative to be considered for this scholarship. Your tuition and general activity fees are credited by this scholarship. Typically, you will receive this scholarship for one academic year.

University Employee Dependent Partial Tuition Waiver: If you are under the age of 25 and your parent is employed at Illinois State, Northern Illinois, Chicago State, Eastern Illinois, Governors State, Western Illinois, or Northeastern Illinois University, or campuses of the University of Illinois, or Southern Illinois University, you may be eligible for this tuition waiver. Your parent should contact the Human Resources Office at the university where he or she is employed for the application and specific employment requirements.

Consult the **Illinois Student Assistance Commission** Web site, www.collegezone.com, or call 1-800-899-ISAC to obtain additional information about the following scholarships, including how to apply and application deadlines.

Illinois National Guard Grant: If you are an active member of the Illinois National Guard (Army or Air) you may have eligibility for this grant. In order to receive this grant, you must be enrolled at an ISAC-approved Illinois public community college or a four-year college or university; be registered for Selective Service (if you are male); not be in default of any student loan nor owe a repayment of any state or federal grant; and maintain an acceptable grade point average (GPA) determined by the institution.

You must be enrolled for at least one hour of coursework and apply annually to the Illinois Student Assistance Commission, meeting the stated application deadline. If you are eligible, this grant will be applied to your tuition and partial fee charges. Applications may be obtained from the Illinois Student Assistance Commission Web site at www.collegezone.com or by calling

Illinois Veteran Grant (IVG): If you served in the Armed Forces for at least one year and received an honorable discharge, you may qualify for the Illinois Veteran Grant. In addition to residing in Illinois for at least six months before entering the service, you must return to Illinois within six months after your discharge.

You may obtain your one-time application from the Illinois Student Assistance Commission (ISAC) Web site, wwwcollegezone.com or by calling 1-800-899-ISAC. You must meet the application deadline and provide a copy of your DD 214 with your application to ISAC. In addition, you must submit a copy of your DD 214 to both the Financial Aid Office and the Office of Veterans' Services at Illinois State.

When your application is approved by ISAC, you will be sent a Notice of Eligibility letter. The original letter must be submitted to the Financial Aid Office. Your IVG will credit your tuition charges as well as partial fee charges.

Merit Recognition Scholarship (MRS): If you are in the top 2.5% of your Illinois high school senior class, a U.S. citizen or eligible non-citizen and a resident of Illinois, you will be nominated by your high school to ISAC, which will send you an application. Be sure you follow the directions and meet the application deadline. In order to receive this scholarship, you must attend an ISAC-approved post-secondary institution in Illinois or one of the U. S. Military Academies. This scholarship is subject to funding by the Illinois General Assembly.

Illinois Special Education Teacher Tuition Waiver (SETTW): To be eligible, you must be a U.S. citizen or an eligible non-citizen residing in Illinois who is ranked in the upper half of your Illinois high school graduating class, and meet application deadline. In addition, you must be enrolled in a special education program at one of the twelve public four-year post-secondary institutions in Illinois after taking the ACT or SAT college admissions exam. Recipients must begin teaching, on a full-time basis in the field of Special Education, within one year following graduation from or termination of enrollment in a teacher education program, at an Illinois non-profit public, private, or parochial preschool, elementary or secondary school and continue teaching for at least two of the five years immediately following.

Illinois Future Teacher Corps (IFTC) Program: To be eligible you must be a U.S. citizen or an eligible non-citizen, a resident of Illinois, a high school graduate or hold a GED, and you cannot be in default on any student loan or owe a refund on any state or federal grant. In addition, you must be enrolled at least half-time at the junior level or above and be pursuing a post-secondary course of study leading to initial certification in a teaching discipline or a teacher shortage discipline or pursuing additional course work needed to gain Illinois State Board of Education approval to teach in an approved specialized area in which a teacher shortage exists. **The shortage areas are determined each year by the state and are subject to change each year.** You must also file the Free Application for Federal Student Aid to be considered for this scholarship. Recipients must teach, on a full-time basis, for five years according to the commitment/agreement that was signed prior to receiving the program benefits, e.g., if the recipient made a commitment to teach in a teacher shortage discipline and/or at a hard to staff school, the five years of teaching must be fulfilled accordingly. The teaching must be fulfilled at an Illinois public, private or parochial preschool or an Illinois public elementary or secondary school. This is a five year commitment no matter the amount of the scholarship received.

Minority Teachers of Illinois Scholarship: To be eligible you must be a minority student, a U.S. citizen or permanent resident of the United States, a resident of Illinois, a high school graduate or hold a GED, and you cannot be in default on any student loan nor owe a refund on any state or federal grant. In addition, you must be enrolled or accepted for enrollment on at least a half-time basis as an undergraduate or graduate student and be enrolled or accepted for enrollment in a course of study which, upon completion, qualifies the student to be certified as a preschool, elementary or secondary school teacher by the Illinois State Board of Education. The student must maintain a cumulative grade point average of no less than 2.50 on a 4.00 scale, and maintain satisfactory progress as determined by the institution. Recipients must teach, on a full-time basis, for one year at a nonprofit Illinois preschool, elementary, or secondary school for each year of assistance received.

PRIVATE SCHOLARSHIPS

Many students utilize private scholarships to supplement their financial aid award package. You may also contact clubs, foundations, organizations, corporations and churches from your hometown for scholarships. The scholarship donor determines the eligibility criteria. You are encouraged to use the Illinois State University Scholarship page on the Financial Aid Office home page at www.financialaid.ilstu.edu or the Illinois Student Assistance

Commission's CollegeZone.com. Avoid search services or "consultants" who charge a significant fee and/or promise positive results.

ISU MERIT-BASED SCHOLARSHIPS

A variety of merit-based scholarships are awarded to new beginning freshmen. In order to be considered for a merit-based scholarship as a new beginning freshman, you must be admitted to the University and submit the appropriate scholarship application by the scholarship deadline which typically falls in early January.

For more information about merit-based scholarships for new beginning freshmen and for a scholarship application, please contact the Office of Admissions by telephone at (800) 366-2478 or visit the Office of Admissions Web site at www.IllinoisState.edu/admissions. In addition, the Scholarship Resource Office, housed within the Financial Aid Office, will assist students in their search for private or institutional scholarship dollars. Contact the Scholarship Resource Office by telephone at (309) 438-2740.

Presidential Scholarships: Presidential Scholarships are available for new freshmen. See the Honors Program section of this *Undergraduate Catalog* for details.

Deans' Scholarships: The Deans' Scholarship is a one-year monetary award of $1,000 for new beginning freshmen. The scholarship is based on academic accomplishments and potential for outstanding achievement at the University. Candidates for Deans' Scholarships are identified from the Presidential Scholarship applicant pool and are selected by the Dean of the College from which the scholarship is offered.

Minority Academic Scholarship Program: Illinois State University offers the Minority Academic Scholarship Program for academically talented minority students from traditionally underrepresented populations. In addition, applicants must be new beginning freshmen who are U.S. citizens who have applied and been admitted to the fall term.

Each scholarship is valued at $5,000 per year and renewable up to eight semesters. The total potential value of the scholarship is $20,000.

Trustees' Tuition Waivers: Undergraduate tuition waivers are used to recruit talented students to the University in these specific areas: the Honors Program, Art, Communication/Forensics, Intercollegiate Athletics, International Studies,

Academic Scholarship Programs: Some academic departments offer scholarships to continuing students based on academic accomplishments. Your major or minor is used for eligibility. You can explore the availability of these scholarships by visiting the Scholarship page from the Financial Aid Office Web site at www.financialaid.ilstu.edu/scholarships/.

Community College Transfer Scholarships: Scholarships are available for admitted, first time community college transfer students. In order to be eligible for the scholarship students must have earned a 3.50 cumulative grade point average at the time of application. In addition, students must complete an Associate in Arts or Associate in Science degree prior to enrolling at the University. The awards are valued at $3,000 or two academic years. One awards is designated for a member of Phi Theta Kappa, the academic honor society of community colleges. For more information, contact the Office of Admissions at (800)366-2478 or visit the Office of Admissions Web site at www.IllinoisState.edu/admissions.

LOANS

Federal Direct Student Loan Program: You must complete the Free Application for Federal Student Aid (FAFSA) to receive a loan. The Financial Aid Office will determine your eligibility for all other aid programs prior to processing your loan. Because Illinois State is a participant in the Federal Direct Loan program, a loan application from a bank or other lender is not required.

There are two kinds of direct loans: subsidized and unsubsidized. If you are eligible for the subsidized loan based on financial need, the interest on the loan is paid for you as long as you are enrolled half-time (a minimum of 6 hours per semester). The unsubsidized loan is not based on financial need and requires that you make quarterly interest payments on the loan while you are enrolled. If you choose to defer payments while you are in school, the interest will be added to the principal of your loan (capitalized).

After your loan is processed, you will receive an award letter and information on completing an electronic Master Promissory Note (EMPN), if you have not already done so. Read the information carefully. This loan has a variable interest rate tied to the 91-day U.S. Treasury bill rate, adjusted annually and capped at 8.25%. Before loan proceeds will be credited to your account, the EMPN and loan counseling (see below) must be completed.

Because of its participation in the Direct Loan

directly from the U. S. Department of Education. Your loan proceeds will be applied to your university charges.

Loan Counseling: Students who are first-time Direct Loan borrowers are required to attend Federal Direct Loan entrance loan counseling before loan proceeds are credited to the student's account. You may meet this requirement by completing loan entrance counseling on the Web at www.ed.gov/DirectLoan/counsel/index.htm.

If you attended entrance counseling at another school, you must sign a statement verifying that you previously met the requirement. The purpose of entrance counseling is to inform you of your responsibilities and rights as a borrower.

Exit Information: Before you graduate, or if your enrollment status drops below 6 hours per semester, you will be sent information concerning Direct Loan exit counseling, which outlines loan repayment, consolidation, and deferment options. You may also get this information from the Exit Counseling link from the Financial Aid Office Web site, www.fao.ilstu.edu. Repayment of your Direct Loan begins six months after you leave the University or drop below half-time status.

Federal Perkins Loan: The Federal Perkins Loan program is for students enrolled at least half-time in a degree program and gives priority to those students with exceptional financial need. For new borrowers after July 1, 1987, repayment and interest begins nine months after the student graduates, leaves school, or drops below half-time. The cumulative loan limit is $15,000 for undergraduates and $30,000 for graduate students. The interest rate is five percent. These funds are awarded on a first-come basis to qualified applicants.

Nursing Student Loan: Students enrolled at least half-time in the Nursing Program and who demonstrate need by filling the FAFSA are eligible for a Nursing Student Loan. The cumulative loan limit is $13,000 and repayment begins 9 months after the student ceases to be enrolled at least half-time. Interest during repayment includes 5% interest and the maximum repayment period is 10 years.

Federal Direct PLUS Loan: Parents of dependent students may apply for the Parent Loan for Undergraduate Students (PLUS); application forms are available upon request from the Financial Aid Office. A parent may borrow up to the cost of attendance less any other financial aid the student is receiving. In order to determine eligibility, parents must file the Free Application for Federal Student Aid (FAFSA).

"Alternative" Loans: Alternative or private loans are for students and parents who are not eligible for the federal programs of financial aid, or who need additional funds to meet educational expenses. In order to determine eligibility, students/parents must file the Free Application for Federal Student Aid (FAFSA). If you have any questions about your eligibility for financial aid to attend Illinois State, contact your financial aid counselor.

FINANCIAL AID DISBURSEMENT

If the amount of financial aid exceeds charges, you will receive a refund of the balance. Refund checks are mailed from the Student Accounts Office throughout the academic year for aid in excess of amounts owed the University. You should be prepared to buy books and have "start up" funds for the beginning of the semester.

It is important to keep your local and permanent address information current with the Office of the University Registrar. University offices use this information to contact you (i.e., the Student Accounts Office will use your local address to send a refund check to you). If there is no local address on file with the Registrar, correspondence will be sent to your permanent home address.

You may update your address in person at the Student Service and Referral Center (SSRC), Office of the University Registrar, 107 Moulton Hall, or by accessing the iCampus Portal at www.icampus.ilstu.edu.

SATISFACTORY ACADEMIC PROGRESS

All students who receive federal and state financial aid must meet federal and institutional standards for academic progress in order to establish and retain aid eligibility. Students receiving athletic or other university administered awards must also meet the satisfactory academic progress standards that have been established by the awarding entity.

Satisfactory academic progress for federal and state financial aid programs is based on three measures: cumulative grade-point average, completion rate based on credit hours completed compared to credit hours attempted, and a maximum time frame for degree completion. The following describes the university's standards for each of these three measures, and when they are reviewed:

Cumulative Grade-Point Average: Undergraduate students must maintain a minimum cumulative GPA of 2.00 based on credits earned at Illinois State University. The first time a student's GPA is below 2.00, the student is placed on

Academic Probation and continues to be eligible to receive financial aid. If the student does not raise the GPA to 2.00 in the following semester of attendance, or the GPA falls below 2.00 in a subsequent semester, the student is Academically Dismissed and loses financial aid eligibility (see Academic Policies and Practices).

Completion Rate: All students are required to complete a minimum of 67% of the credit hours attempted at Illinois State University. Courses with a grade of D or higher, as well as "CR" or "CT", count as completed. Credit hours attempted includes audits, incompletes, withdrawals, and repeated or failed classes. A student who does not complete a minimum of 67 percent of credit hours attempted will be suspended from financial aid eligibility until his or her completion rate improves to at least 67 percent.

Maximum Time frame: The maximum time frame for the completion of a degree is limited by federal regulations to 150% of the published length of the degree program. This is equivalent to a maximum number of credit hours that includes transfer credits and all attempted credits at Illinois State University. Credit hours attempted include audits, incompletes, withdrawals, and repeated or failed classes. The maximum number of credit hours for which a student is eligible to receive financial aid is 180.

Review of Progress Standards: Cumulative GPA is reviewed at the end of each period of enrollment—fall semester, spring semester, and the summer session—for both financial aid eligibility and for continued enrollment at Illinois State University.

Completion rate is reviewed upon submission of a financial aid application (the FAFSA), and at the end of each period of enrollment, including the summer session. The Financial Aid Office sends a "warning letter" to any aid recipient who has not completed 67 percent of hours attempted at the end of the summer session or fall semester. Aid eligibility is suspended at the end of the spring semester for any aid recipient who does not meet the 67 percent completion standard.

Maximum timeframe is reviewed upon submission of a financial aid application (the FAFSA), and at the end of each period of enrollment, including the summer session. The Financial Aid Office sends a "warning letter" to any aid recipient who is within 15 hours of reaching the maximum attempted hour for his or her degree program.

Notification/Appeals: If financial aid eligibility is suspended as a result of failure to meet the completion rate or maximum timeframe standard, the Financial Aid Office sends a letter to the student including a Satisfactory Academic Progress Appeal Form. The Satisfactory Academic Progress Appeal Form must include reasons for failure to achieve good academic standing and any applicable documentation. Appeal Forms must be submitted to the Financial Aid Office within 30 days of the date of the letter and are reviewed by the Reinstatement Committee. For the Completion Rate standard, students can also restore aid eligibility by earning enough additional hours to meet the 67 percent requirement.

If the student is not meeting the Cumulative Grade Point Average standard necessary for Financial Aid Satisfactory Academic Progress, the Office of Enrollment Management and Academic Services will communicate this information as part of a student's official notification of academic probation, dismissal or reinstatement. For more information about Financial Aid Satisfactory Academic Progress contact the Financial Aid Office.

ENROLLMENT CHANGES AND FINANCIAL AID ELIGIBILITY

Reduction in Hours: Reducing your credit hours has implications for both your aid eligibility for the current semester and future terms. Your aid eligibility is based on the number of credit hours for which you are enrolled on census day, usually the Friday of the second week of classes. If your aid was distributed based on full-time enrollment (12 credits undergraduate; 9 credits graduate) and you drop to part-time on or before census day, your aid may be reduced. If you drop after the day withdrawal grades are assigned, the withdrawal grades will reduce your percentage completion rate, which is part of the standards of Satisfactory Academic Progress for the receipt of financial aid. These standards are posted on the financial aid Web site: www.financialaid.ilstu.edu.

Withdrawal: Federal regulations state that financial aid is earned by attending class. You have not earned 100% of your financial aid until you have attended 60% of the term. If you withdraw before this date, a portion of your financial aid has not been earned. The unearned portion is equal to the percentage of the term remaining on the date of withdrawal. Your financial aid eligibility will be recalculated based on your actual period of attendance - **you may be asked to repay a portion of the aid that had been distributed to you**.

Failure to Earn Credit: If you fail to earn credit for any of your classes (receive grades of F, W, I and/or NC), federal regulations require the Financial Aid Office to assume you did not attend

any of your classes. In order to retain any of your financial aid, you must provide proof that you attended classes. If you attended class, you are treated as an unofficial withdrawal. This means that the midpoint of the term is used as your last date of attendance and your aid eligibility is reduced by up to 50%. **This will result in you owing funds back to the university unless you can provide documentation of attendance past the 60% point of the term.**

CONFIDENTIALITY AND THE RELEASE OF INFORMATION

The Financial Aid Office will release information from your financial aid application file to parties within the University if their inquiry is related to your attendance at Illinois State. Inquiries from off-campus agencies and/or landlords will be answered by Financial Aid Office staff only if you have completed and signed a "Consent to Release Information" form from the Financial Aid Office. To protect the confidentiality of your records, the Financial Aid Office will require proper identification from the requesting party before releasing any of your information. Appropriate documentation of any release of information will be placed in your financial aid file.

STUDENT EMPLOYMENT

Students enrolled for six or more semester hours may work part-time at Illinois State University. Eligible student employees usually work 10 to 15 hours per week while classes are in session. Students working at Illinois State University earn from $6.50 to $8.40 per hour. This pay range is subject to change by action of the federal government, the state, or the institution.

Federal Work-Study Program: This federally sponsored program enables students with demonstrated financial need to earn a portion of their expenses while they are enrolled at Illinois State. To be initially awarded Federal Work-Study the applicant must indicate an interest in "work-study"on the FAFSA and demonstrate need. The federal government pays 70 percent of a Work-Study student's earnings, while the employer pays the balance. A student employed 10-15 hours per week can expect to earn between $1,500 and $2,000 a year. Work-Study students find work on-campus (food service, library, Bone Student Center, departmental offices) or in nonprofit, off-campus agencies (hospitals, youth centers, charitable agencies and libraries). Another Federal Work-Study program is the "America Reads" initiative in which students are employed as reading tutors in local elementary schools.

Students go directly to the employer for an interview and, if hired, must complete state and federal withholding tax forms in the Payroll Office, 101 Hovey Hall. The student is not permitted to earn more than the Work-Study eligibility determined by federal regulations.

Regular Student Employment: Those students who desire to work on or off campus may seek part-time employment with the University or off campus. These jobs generally pay the minimum wage. Hours vary, and may be less flexible than Federal Work-Study positions.

Finding a Job: Both Federal Work Study and regular student employment part-time job openings are accessible through the student employment page on the financial aid Web site at www.financialaid.ilstu.edu. If you are interested in working on campus, you may also contact individual University offices directly to inquire about employment opportunities.

VETERANS SERVICES

112 Moulton Hall, (309) 438-2207
Web address: www.registrar.ilstu.edu/veterans

This office assists student-veterans and certain dependents on matters relating to Department of Veterans Affairs educational benefits and payments. For more information, the student should contact the Office of Veterans Services. Public service hours are from 9 a.m. to 12 noon and from 1 p.m. to 4 p.m. Monday through Friday.

CAMPUS EXPERIENCE

Classroom experiences and studying are only a part of the collegiate experience at Illinois State University, where there are many opportunities to make social connections and select lifestyle preferences in a number of residence halls.

At Illinois State you will be encouraged to think of the entire campus environment as a laboratory for learning about life and living. Involvement in the University community develops leadership, enhances the quality of campus life, and fosters respect and appreciation for individual, cultural, and community diversity.

Campus Living

UNIVERSITY HOUSING SERVICES

Residential Life Building, (309) 438-8611
TTY (309) 438-8177

Students with disabilities are requested to contact the Director of Disability Concerns, 350 Fell Hall at (309) 438-5853—Voice, (309) 438-8620—TTY.

RESIDENCE HALLS

The University owns and operates 13 residence halls, providing living accommodations for approximately 7,400 students. These facilities include spaces accessible to students with disabilities. The residence halls have been designed to provide not only basic living requirements, but also counseling, advisement, educational, and cocurricular programs. The University regards residence hall living as an important part of university life and requires that certain students reside in the residence halls as a condition of enrollment.

Professional staff, aided by undergraduate Resident Assistants, are responsible for educational programs, policies, and facilities within the residence halls.

In the spring, residence hall applications and room selection instructions will automatically be mailed to students who have been admitted to the University for the 2006-2007 academic year. If all regular residence hall rooms become filled, new applicants may be offered accommodations in supplemental housing. (Supplemental housing rooms are like regular rooms in their furnishings but are used as study lounges when not being used for supplemental housing and may house up to six students.) Room and meal plan rates for supplemental housing are the same as for regular housing. Acceptance of a supplemental housing offer is optional, however all terms and conditions become enforceable upon receipt of the supplemental housing contract addendum by the University.

The room and board rate in the residence halls for the 2005-2006 academic year ranged from $5,668 to $6,148 for multiple occupancy and the Silver meal plan. Students have three meal plans from which to choose. A limited number of single and super single rooms are available at an additional cost. Hamilton-Whitten and Atkin-Colby Halls remain open during all university breaks during the academic year. All students assigned to those halls are required to pay an additional $75 nonrefundable charge above and beyond the basic room rate for that service. A $300 deposit is required upon submission of the residence hall application-contract. The deposit covers a $50 security deposit, which is retained until the final period of occupancy, a nonrefundable $50 application fee, and a $200 payment which is applied toward room and meal plan charges. Students may elect to pay each semester's room and meal plan charges in one lump sum or in installments. There is a $30 service charge for the installment plan. Students are expected to furnish linens, towels, blankets, pillows, bedspreads, and waste baskets. **Rates for the 2006-2007 academic year were not available at the time this catalog was printed.**

University On-Campus Housing Policy: Entering freshmen who have not previously attended this University must reside in university-operated residence halls for their first four semesters. Students transferring to this University as sophomores (as classified by the Office of Admissions) must reside in university-operated residence halls for their first two semesters. These policies are applicable to all students insofar as space is available in university residence halls. Residence hall living for two summer sessions is equivalent to one semester.

The University may make exceptions for certain categories of students based upon guidelines related to marital status, proximity of home to campus, age, and other pertinent factors. The deadline for requesting an exemption to the requirement is July 1 immediately prior to the academic year. Consideration also will be given to applications for exemption received prior to July 1 from sophomore students who are members of fraterni-

ties or sororities who will be residing in their organization's official house. Those fraternities and sororities must be members of Interfraternity Council Panhellenic Association and National Panhellenic Council, Inc. and approved by the Dean of Students Office. If students wish to appeal a decision concerning their petition for an exemption to the University On-Campus Housing Agreement, they may obtain information on the appeals procedure from the University Housing Services, (309) 438-8611.

APARTMENT LIVING

Two university-owned apartment complexes provide residents with an environment conducive to both personal and academic growth. Qualifying upper-class, married, family, and graduate students are eligible to reside in these units.

There are 292 unfurnished apartments in the two complexes, Cardinal Court and 300 Shelbourne Drive, offering residents a quiet environment, community atmosphere, excellent maintenance service, spacious grounds, and good proximity to academic buildings. Rental rates for 2005-2006 ranged from $334 to $457 per month. Water service is provided by the University; all other utilities are paid by the resident. A $250 security deposit is required and is held until after occupancy is terminated. For additional information and an application contact the University Housing Services Office.

Off-Campus Housing: The University does not participate in housing contracts issued to students renting space in private housing and does not participate in the inspection of any off-campus housing.

Campus Opportunities

RECREATION SERVICES AND UNIVERSITY GOLF COURSE

Web site: www.rec.ilstu.edu

Student Recreation Building,
Beech and Willow; (309) 438-PLAY
The OUTDOOR Store, 220 N. Main,
(309) 438-8419
University Golf Course, Gregory Street,
(309) 438 8065

Recreation Services and University Golf Course encourages personal enrichment by providing a variety of leisure experiences and recreational opportunities. For semester program information and for a comprehensive guide to the many services, programs, facilities and events provided consult the department's Web site at www.rec.ilstu.edu.

The department operates three facilities:

The Student Recreation Building features open recreation areas for racquetball, basketball, walk/jog, sand volleyball, a juice bar, and locker rooms. In addition, the Weights Plus program consisting of cardiovascular, circuit training and free weight equipment operates in this facility. Student memberships for Weights Plus and Group Fitness are available for purchase and can be combined. The department's administrative offices are located on the second level of the building.

The University Golf Course a par 71, 18-hole course. The renovated Golf Course features a new irrigation system, rebuilt greens with bent grass fairways and 14 new forward and championship tees along with a fully stocked pro shop, snack bar, and cart and club rentals. Student daily, semester, and season passes are available.

The Outdoor Adventure Center houses the OUTDOOR Store equipment rental which offers a wide assortment of outdoor equipment with discounted rental rates to Illinois State University students. The Outdoor Adventure Library is located in this facility.

In addition, the department offers programs of Group Fitness providing a variety of aerobic classes with student memberships available for purchase. Evening Activities at McCormick Hall from mid-Fall through mid-Spring; RecSports has an action-packed intramural sports schedule; Adventure Trips provides opportunities to canoe, camp, raft, and more; Leisure U. offers non-credit classes for skydiving, pottery, yoga, swing dance, and more; and Environmental Discovery provides presentations on world health. Extramural Sports opportunities exist through Sports Clubs, which are registered student organizations predominantly run by students and assisted by our department.

For more opportunities, the department offers student employment positions in a variety of programs and has advisory committees that meet throughout the year. Members of the advisory committees work with the unit to provide the best in programs and services.

INTERCOLLEGIATE ATHLETICS

213 Redbird Arena, (309) 438-3639

The University competes in eight men's and eleven women's sports. Whether the action is scheduled for Horton Field House, Hancock Stadium, Redbird Arena, or any of the other outdoor facilities,

students enjoy joining their peers in cheering the Redbirds on to victory. Coming out to a Redbird event is a great way to show school spirit, meet new friends and become a part of Redbird Country! Students may purchase an All Sport Ticket for only $35 and receive admission to any home regular season Redbird Athletics event. Students purchasing the All Sport Ticket also receive benefits such as a FREE t-shirt, preferred seating and early admission to games. Purchase of the All Sport Ticket is as easy as adding it to your tuition bill, and it allows you to experience the excitement of Redbird Athletics up close and personal! For additional information call (309) 438-3639, or visit the Web site at www.GoRedbirds.com.

UNIVERSITY GALLERIES

110 Center for Visual Arts, (309) 438-5487
Fax: (309) 438-5161
gallery@ilstu.edu
www.cfa.ilstu.edu/galleries
Free admission

Founded in 1973, University Galleries is one of the most active public exhibition spaces in downstate Illinois presenting a diverse and critical survey of contemporary art in various media. University Galleries is widely recognized for organizing exhibitions that explore art's shifting sociological, technological and philosophical parameters.

University Galleries is part of the College of Fine Arts and is located in room 110 of the Center for the Visual Arts. Its exhibitions feature both emerging and mid-career artists, often those whose work has not been exposed in an in-depth manner in the Midwest. Over the past 16 years, University Galleries has organized 21 exhibitions that have traveled to a total of 68 museums and galleries across the United States and around the world. The books and catalogues produced to accompany those shows are distributed worldwide and are available at a discount to all students, staff, and faculty.

In addition to exhibitions, University Galleries presents extensive educational programs open to the University and general community, including artist lectures, panel discussions, workshops, films and videos, guided tours, research and study facilities, informational brochures, and internships. All University Galleries sponsored events are free. The facilities also are used to host meetings, dance and music events, plays, performances, lectures, readings, and films for a variety of university and community groups.

UNIVERSITY MUSEUMS

The Eyestone School Museum, a renovated 1900 one-room school, is located at Adelaide Street and College Avenue.

The Stevenson Memorial Room, on the first floor of Stevenson Hall, displays memorabilia of the Stevenson family with particular emphasis on Adlai E. Stevenson II.

The President's Gallery, located on the fourth floor of Hovey Hall, features a rotating series of exhibitions highlighting the University's art collections.

PLANETARIUM

Corner of School Street and College Avenue, (309) 438-5007

The Planetarium serves more than 15,000 visitors annually, including grade school and high school students as well as the campus community and public. More than 250,000 people have visited the planetarium since 1964.

Administered by the Department of Physics, the planetarium is located at the east end of Felmley Hall. This celestial theatre-in-the-round provides a unique environment that is used by astronomy and other university classes. Primary and secondary school students can select from a variety of programs or have special programs tailor-made to suit their specific interests. In addition, regular public shows are scheduled providing a popular form of enriching entertainment. The 30-foot domed structure seats 110 individuals and houses a Spitz A-3P star projector. The star projector and various other multi-media effects are used to recreate the wonders of the universe.

For information about current offerings and arranging special presentations contact the Planetarium at (309) 438-2496, or access the planetarium's World Wide Web home page at: www.phy.ilstu.edu/planet.html.

Campus Services

DISABILITY CONCERNS

350 Fell Hall, (309) 438-5853—Voice
(309) 438-8620—TTY
www.disabilityconcerns.ilstu.edu

Disability Concerns, a unit of the Student Affairs Division, is the office that is designated to provide approved accommodation services to students, faculty, staff, and visitors with disabilities.

The mission of Disability Concerns is to ensure full and equal participation for persons with disabilities in the Illinois State University community through:

- empowering individuals,
- promoting equal access,

- encouraging self-advocacy,
- reducing attitudinal, physical and communications barriers, and
- providing appropriate accommodations.

Disability Concerns provides accommodation services that support people with disabilities in:

- the realization of academic goals,
- reaching professional goals, and
- becoming contributing members of society and lifelong learners.

To receive services from Disability Concerns, appropriate medical/psychoeducational documentation must be provided. Upon receipt of the documentation, the case coordinator works with the student, faculty or staff on a case-by-case basis to determine the impact of the disability and the appropriate accommodation(s). Disability Concerns offers a variety of services to accommodate persons with disabilities. Accommodations provided may include, but are not limited to, testing accommodations, sign language interpreters, readers, scribes, notetakers, assistive technologies and materials in alternative formats.

Disability Concerns provides many of its services through a volunteer model. This is promoted to diminish attitudinal barriers and to promote understanding and respect for persons with disabilities. All students, faculty, staff, and alumni of the University are encouraged to volunteer their time and talents. This volunteer program offers the opportunity to obtain volunteer hours, develop experience to enhance a resume, and perhaps most importantly, develop skills that encourage and promote diversity. Persons interested in providing volunteer assistance should inquire at Disability Concerns.

STUDENT HEALTH PROGRAM

Student Health Services: (309) 438-8655
TTY: (309)438-2498
Web site: www.shs.ilstu.edu

Student Insurance: (309) 438-2515

The Student Health Service and Student Insurance Office are located on the second floor of the Student Services Building on the corner of College Avenue and University Street, just west of the Bone Student Center.

The Student Health program consists of two components (1) the on-campus Student Health Service and (2) a comprehensive low-cost Student Health and Accident Insurance Plan that supplements services available through the Student Health Service.

Eligibility and Fees: Regarding the Student Health Service, all students who register for one or more credit hours and are assessed general fees are entitled to use all the services at the on-campus clinic for the entire semester or session. There will be a $5 Front Door Fee assessed to the user's University account for each visit to the Student Health Service. Spring semester students who do not plan to attend summer session classes may obtain summer health care if they pay the appropriate health fee. Enrolled students may purchase Student Health Service access for spouses/domestic partners if they pay the fee. An eligible student who graduates may purchase one additional term prior to the expiration of the current term. All optional health fees are payable at the Student Health Service Business Office.

Regarding Student Health Insurance, all students who register for nine or more credit hours during the fall and spring semesters by the fifteenth calendar day of classes (or for six or more hours by the eighth day of the variable length summer session) and are assessed general fees, are also assessed a health insurance premium.

On-Campus Student Health Service: The health clinic is fully accredited by the Accreditation Association for Ambulatory Health Care, Inc. Health services at the clinic are comparable to those offered by most private community physicians. The clinic is staffed by licensed physicians, nurse practitioners, and nurses. Services available include a medical clinic, women's health clinic, diagnostic laboratory, radiology, pharmacy, allergy injections/immunizations, health promotion programs by health educators, nutrition analysis, etc. Students wanting to use the clinic should call (309) 438-2778 to schedule an appointment and bring their Illinois State Student I.D. card when checking in.

Complicated illnesses or injuries requiring surgery or long-term care usually will be referred to an outside specialist. New students who have chronic medical conditions such as asthma, diabetes, or epilepsy, which require continuous monitoring and treatment, should retain the services of private physicians for the continuing supervision and management of their condition.

The Health Service staff will furnish supportive care and assist the student's private physician in the student's care if the private physician furnishes written instructions. There are medical specialists

plus two hospitals in the Bloomington-Normal area that are equipped to handle medical problems should they arise. Information regarding medical services can be obtained by contacting the Student Health Service main reception area in the Student Services Building, or by calling (309) 438-8655.

Student Health and Accident Insurance: The Student Health Insurance Fee provides a health and accident insurance policy intended to meet the needs of students without other insurance or to provide 100 percent coverage for insured expenses by coordinating with a family policy. The policy includes world-wide coverage, with a $1,000,000 maximum, a $1,000 stop-loss provision designed to provide catastrophic coverage while limiting out-of-pocket expenses, and a $50 deductible. This deductible is waived if other insurance is also in force. The schedule of benefits includes services for hospital inpatient and outpatient use, including emergencies, surgical and anesthesia fees, physicians' charges, consultation expenses, laboratory and radiology expenses, and ambulance services. A complete schedule of benefits may be obtained from the Office of Student Insurance, Student Services Building.

Student insurance coverage begins the Monday prior to the first day of regularly scheduled fall classes; the Thursday before spring classes; and on the first day of summer session classes. This coverage is terminated on the first day of classes of the next regularly scheduled term. Continuous year-round coverage is available if the student maintains university registration at nine or more hours during the fall and spring semesters and applies for summer coverage at the Student Health Insurance Office prior to the expiration of spring coverage. A summer insurance fee will be assessed in tuition and fees only by registration of six or more credit hours prior to the eighth calendar day of the variable length summer session. An insured student who graduates may purchase one additional term at the group rate by the last day of the covered period. This policy contains no extension of benefits into a non-covered semester for any condition. Extension of coverage for existing conditions, such as maternity, is available through the continuation option, details of which can be obtained through the Student Insurance Office. Although dependent coverage is not included in the Student Plan, the Student Insurance Office can provide suggested alternatives for students needing dependent coverage.

It is strongly recommended that students remain enrolled in this plan even if other health insurance is present. A request to cancel this insurance plan is permitted during the first 15 calendar days of each semester (eight days during the summer session) for those students who prove they have comparable insurance coverage (insurance ID card or copy of policy) and complete the required petition in the Student Insurance Office. However, experience often has shown that the premium for the Illinois State University plan is less than out-of-pocket bills that many have to pay because of higher deductibles and coinsurance provisions in their own policy. Additionally, students sometimes lose coverage through their parents' plan because of age limitations, changes in dependent status, or changes in employment of parents. Thus, it can be more economical to remain enrolled in the Illinois State plan.

The previous information is a summary of benefits and enrollment procedures. Persons desiring specific information about the Illinois State University Student Health Insurance Plan should contact the Student Health Insurance Office, Room 230, Student Services Building, or call (309) 438-2515.

STUDENT COUNSELING SERVICES

320 Student Services Building,
voice: (309) 438-3655 TTY: (309) 438-5489
www.counseling.ilstu.edu

Student Counseling Services (SCS) provides a full range of counseling services on a voluntary, strictly confidential basis. Group counseling is offered to promote self-discovery and to provide students with opportunities to change patterns of behavior in relationships. SCS also offers individual personal and career counseling, crisis intervention, after hours on-call services for emergencies, and psychiatric consultation. Counseling services are offered free of charge to students.

Students seek our services for many reasons. Staff can offer assistance with issues such as relationships, identity, unwanted habits, depression, stress management, anxiety, grief and loss issues, self-esteem, and decision-making, to name but a few common concerns students bring to the center.

Students can call the office or walk-in to make an appointment. During the initial appointment a counselor will meet with the student to clarify their concerns and to determine a plan to address those concerns that may include on-going counseling, referral to one of our programs, or another service in the community.

Student Counseling Services also offers preventative and educational programs through the Coping With College Workshop series, Web page interventions, the career choice class (IDS 106), and Guerrilla Theatre performances on

social issues and diversity. All services are offered in a way that supports cultural and racial diversity and promotes respect for individual differences.

SPEECH AND HEARING CLINIC

211 Rachel Cooper/Fairchild Hall, (309) 438-8641
Web site: www.speechpathaud.ilstu.edu/clinic

Students may obtain at no charge evaluation and therapy services for a wide range of speech, language, voice, and stuttering disorders as well as hearing services including hearing testing, auditory training, and all services relating to hearing aid dispensing and management. Please contact the Speech and Hearing Clinic for appointments.

CHILD CARE

124 Turner Hall, (309) 438-5026

Open to Illinois State University students and faculty/staff when space allows, Illinois State Child Care Center offers high quality, affordable child care services to children 3-9 years of age. It is open during the fall, spring, and summer semesters. Hours are 7:30 a.m. to 5 p.m. during the fall and spring; 7:15 a.m. to 5 p.m. during the summer. The center is licensed for 30 children at a time with care provided in 124 Turner Hall. Call (309) 438-5026 or email kstephen@ilstu.edu for an application or visit the Child Care Web site at www.childcarecenter.ilstu.edu/.

OFFICE OF PARKING AND TRANSPORTATION

709 N. Main Street
(309) 438-8391 or (309) 438-PARK
Web site: www.parking.ilstu.edu

During the posted hours, all vehicles occupying University parking facilities, other than metered spaces (enforced 24 hours a day, seven days a week), must display a valid and appropriate parking permit obtained from the Office of Parking and Transportation. Office hours are 7:30 a.m. to 4:30 p.m., Monday through Friday. A valid Illinois State University I.D. is required to purchase a permit.

Additional information is available on the Parking and Transportation Web site: www.parking.ilstu.edu.

Dean of Students Office

Janet W. Paterson, Ph.D., Dean of Students
Bone Student Center Administrative Offices
Campus Box 2640, Room 144
(309) 438-2221; www.deanofstudents.ilstu.edu

The purpose of the Dean of Students Office at Illinois State University is to provide advocacy, problem resolution and crisis intervention as well as a variety of programs and services for students.

The major function areas within the Dean of Students Office include the following areas:

- Bone Student Center
- Campus Discipline
- Commencement Management
- Diversity Advocacy Programs
- Fall Orientation
- Greek Affairs
- Leadership Development Programs
- Legal Services
- Mediation Services
- Parent Services
- Recruitment and Retention Programs for Under-Represented Student Populations
- Student Government Advisement
- Student Programming
- Volunteer Services

BONE STUDENT CENTER/ BRADEN AUDITORIUM

InfoCentre, (309) 438-4636, www.bsc.ilstu.edu

The Bone Student Center (BSC) and Braden Auditorium, named for the institution's ninth and tenth presidents respectively, serves as a hub of student activities and services. Committed to serving the needs of the University community, the BSC includes eateries such as McAllister's Deli, Burger King, Pizza Hut Express and Brewster's Coffee Lounge. Also housed within the BSC is Barnes and Noble College Bookstore, a branch of the ISU Credit Union, the Redbird ID Card Office, TechZone technology help center, PIP Printing, a convenience store, the InfoCentre information desk and an adjacent 500-space parking lot.

Braden Auditorium (BA), an academic and public service facility, seats 3,457 and offers premier entertainment for the University and local community. The BA box office, an official TicketMaster outlet, also sells Peoria Charter and Burlington Trailways bus tickets and provides personal check cashing. Adjacent to the BSC is the Bowling and Billiards Center (BBC). With 10 lanes of bowling and 20 billiards tables, the BBC plays host to the ISU Bowling Team. For more information about activities or services, please call (309) 438-4636 or visit the Web site at www.bsc.ilstu.edu.

COMMUNITY RIGHTS AND RESPONSIBILITIES

Coordinator: Anne Newman
120 Student Services Building, Campus Box 2440
phone: (309) 438-8621; email: crr@ilstu.edu

Community Rights and Responsibilities coordinates the University's student disciplinary,

grievance, and conflict resolution processes. Student disciplinary matters are reviewed both by administrative staff and by the University Hearing Panel, while student grievances against faculty and staff are reviewed by the Student Grievance Committee. Appeals of both processes are reviewed by the Student Code Enforcement and Review Board.

For students engaged in conflicts with other members of the community, alternative dispute resolution services are also provided. Mediation is available in many cases where the parties agree to attempt to develop a solution to satisfy both/all parties. Both student and administrative forms of dispute resolution, such as facilitation and negotiation are available as deemed appropriate.

For more information on any of these services, contact Community Rights and Responsibilities at (309) 428-8621 or visit the Web site at www.deanofstudents.ilstu.edu/crr.

DIVERSITY ADVOCACY

Coordinator: Angela Davenport
305 North School Street, (309) 438-8968
www.deanofstudents.ilstu.edu/diversityadvocacy

Diversity Advocacy, a functioning unit of the Dean of Students Office, sponsors programs to raise cultural awareness in all students, faculty and staff and facilitates a supportive environment for underrepresented populations through diversity advocacy.

The unit coordinates a wide variety of cultural and educational programs, celebrating African-Americans, Asian-Americans, Gay Lesbian Bisexual and Transgender persons, Latinos/Latinas, Native Americans, and women in conjunction with MECCPAC (Multi Ethnic Cultural and Co-Curricular Programming Advisory Committee). The unit plays a role in developing student recruitment and retention programs and collaborates with faculty and academic departments to enhance in-and-out-of-classroom experiences.

The Center for Intercultural Relations is a component of Diversity Advocacy and is available for use by the entire University community. It offers two conference rooms that can be reserved for meetings, seminars or other gatherings, and a relaxed atmosphere for studying and meeting with friends. For more information, contact Diversity Advocacy at (309) 438-8968, 305 N. School Street, www.deanofstudents.ilstu.edu/diversityadvocacy.

PARENT SERVICES

Bone Student Center Administrative Offices
Room 144, Campus Box 2640, (309) 438-3753
www.deanofstudents.ilstu.edu/parents

Parents and family members who need direction or assistance can contact the Dean of Students Office - Parent Services. This office develops programs (e.g. Family Weekend) and materials that promote family involvement in the University and its educational mission as well as provides information about University resources to parents. The office also conveys the suggestions and concerns of parents to the University community.

The parents of current students at Illinois State have the opportunity for active involvement in the University through the Parents' Association. All parents of Illinois State University students are automatically members of the Association. The Parents' Association is represented within the University community by the Parents' Association Board (PAB).

The PAB, composed of 20 parents representing the geographic regions of Illinois, works with Parent Services as a liaison between family members and the University to enhance the Illinois State University student and parent experience.

STUDENT ORGANIZATIONS SUPPORT AND INVOLVEMENT

387 Student Services Building
(309) 438-2151
www.deanofstudents.ilstu.edu

Active participation in programs and organizations helps students by enhancing and enriching the college experience while fostering learning, leadership skills and personal growth. The Student Organization Support and Involvement Unit (SOSI) maintains a registry of over 300 student organizations on campus which are categorized into 17 areas of interest. Categories include departmental, professional, ethnic, political, recreational and religious.

The SOSI staff, along with university faculty and staff, provide advisement and support to all registered student organizations. There is an organization or club for almost every interest. To view a current listing of all the organizations or for information about how to start a new organization, visit the SOSI Web site at www.deanofstudents.ilstu.edu/studentorganizations.


THE OFFICIAL BOOKSTORE
ILLINOIS STATE UNIVERSITY

ACADEMIC SERVICES

New Student Orientation

Preview—Summer Orientation: During the two-day Preview program in the summer, new freshmen receive academic orientation, meet with academic advisors, and register for fall semester classes. There also are opportunities for new freshmen and their family members to discuss issues of campus life with faculty, staff, and current students. Freshmen admitted for fall semester receive registration materials for Preview in late spring. Further information is available in University College at the Office of Orientation and Transition Services, 329 Fell Hall, Campus Box 4060, (309) 438-8486.

Passages—Fall Orientation: Passages is a university-wide orientation program offered to all students new to Illinois State University. The program introduces students to campus technology, Milner Library and other campus resources. It also provides many opportunities for educational, informational and social interaction in order to help new students in their transition to Illinois State. During the program, the students are introduced to the academic standards and expectations of excellence at Illinois State University. Students receive program information during the summer. Further information is available from the Dean of Students Office, Bone Student Center Administrative Office, Room 144, (309) 438-2008, and www.passages.ilstu.edu.

Transfer Registration Program: Newly admitted transfer students have the opportunity to receive academic advisement, register for classes, and learn more about the University by participating in a one-day Transfer Registration Program. Multiple transfer registration days are held each term—generally three days are scheduled in the fall for those admitted for the spring term and four days are scheduled in the spring for those admitted for the summer and/or fall terms. Students receive information about participating in the Transfer Registration Program after they have been admitted. Students admitted after the Transfer Registration Program invitation deadline are sent information regarding additional advisement and registration opportunities. Please contact the Transfer Registration Program Coordinator at (309) 438-7519.

Special arrangements: Arrangements can be made to assist participation in these programs by students with disabilities through Disability Concerns, 350 Fell Hall. Contact them by voice at (309) 438-5853 or TTY (309) 438-8620 regarding any special needs prior to arriving on campus.

University College

324 Fell Hall, Campus Box 4060
(309) 438-3217
www.ucollege.ilstu.edu

University College fosters student success and retention by providing comprehensive academic support services that facilitate student transitions to and within the University community. Programs and services offered or coordinated through University College include University College Academic Advisement, Developmental Mathematics, the Minority Student Academic Center, First Year Learning in Communities, Preview, Student Support Services, TRiO, the University Center for Learning Assistance, and the University College Testing Services.

UNIVERSITY COLLEGE ACADEMIC ADVISEMENT

340 Fell Hall, Campus Box 4060
(309) 438-7604
www.advising.ilstu.edu

Caring professionals and trained peer advisors in University College Academic Advisement help incoming students with educational planning, course selection and referral services. Professional and peer advisors help students explore academic majors and career options, and assist them in developing plans to meet their goals. Students can obtain information about academic requirements, assistance for declaring or changing a major, and help finding the resources they need to overcome academic difficulties. Students with 24 or fewer semester hours, and all General, Pre-Nursing, and Unclassified students, are served by University College Academic Advisement.

DEVELOPMENTAL MATH

118 Schroeder Hall, Campus Box 4060
(309) 438-3360
www.developmentalmath.ilstu.edu

The Developmental Math unit of University College offers MAT 102 (Basic Algebra), MAT 104 (Intermediate Algebra) and MAT 119.10 (College Algebra) taught by student-centered instructors in a warm, friendly atmosphere that is

conducive to learning. Developmental Math students are strongly encouraged to make use of tutorial assistance provided by instructors, graduate assistants, and undergraduate teaching assistants in the University College math lab.

MINORITY STUDENT ACADEMIC CENTER

Campus Religious Center Building
210 W. Mulberry Street, Campus Box 4061
(309) 438-3159
www.msac.ilstu.edu

The Minority Student Academic Center (MSAC) provides activities that enhance the academic success and retention of minority undergraduates. The Center fosters a supportive, comfortable environment for minority students so they can maximize their academic potential and achieve their academic goals. The array of inter-connected, coordinated academic support services available through the Center includes a computer lab and study center, informal study groups, tutorial assistance, a grant program for selected students who wish to participate in an academic or professional development activity of their choosing, information about on- and off-campus programs and services that benefit minority students, and referrals to other campus units. To better accommodate the needs of students, MSAC offers extended hours of operation during the academic year.

MSAC administers the Louis Stokes Alliance for Minority Participation program (LS-AMP), designed to increase the number of underrepresented minority students pursuing careers in science, mathematics, technology and education programs in those disciplines. Additionally, MSAC administers the Mary F. English Technology Award program (MFETAP) which provides technology training and support for selected minority undergraduates in teacher education programs.

FIRST YEAR LEARNING IN COMMUNITIES (LinC)

331 Fell Hall, Campus Box 4060
(309) 438-3859

LinC assists first year students in their initial transition to and retention within Illinois State University. This program, offered only during the fall semester, provides a small community structure that: promotes connections with peers, faculty, and staff; provides experiences to learn about resources of the University; and offers opportunities to become involved in university life. First Year LinC students are enrolled in several courses with the same small group of students.

PREVIEW - SUMMER ORIENTATION

329 Fell Hall, Campus Box 4060
(309) 438-8486

Each summer, new freshmen and their families participate in a two-day Preview program in which they learn more about campus life, meet with academic advisors, and register for fall classes. Further information is provided under "New Student Orientation" at the beginning of this section or by calling (309) 438-8486 or visiting the Web site at www.ilstu.edu/preview.

STUDENT SUPPORT SERVICES/TRiO

374 Fell Hall, Campus Box 4060
(309) 438-2099
email: studentsupportservices@ilstu.edu
www.sss.ilstu.edu

Student Support Services (SSS) is a federal TRiO program designed to enhance the academic success, retention, transfer, and graduation rates of eligible undergraduate students. Since 1980, the SSS program has provided opportunities for first-generation and/or low income Illinois State University students. From enrollment to graduation, SSS program personnel are dedicated to offering individualized assistance that will enhance the academic, personal and professional potential of students who participate in the program. SSS helps eligible students succeed by closely working with them throughout their college careers. A variety of supportive services is designed to help program participants maximize their educational effectiveness and make successful progress toward graduation. Some of these services include academic, personal, financial, career, and professional/graduate school advisement; needs assessments, academic monitoring, and appropriate on-campus resource referrals, and on- and off-campus programs and student leadership conferences. For further information, please view the Web site or call the program office. SSS is funded by the U.S. Department of Education in cooperation with Illinois State University.

UNIVERSITY CENTER FOR LEARNING ASSISTANCE (UCLA)

133 Stevenson Hall, Campus Box 4070
(309) 438-7100
www.ucla.ilstu.edu

The focus of the services provided by the University Center for Learning Assistance is assisting all students to become independent and successful learners by helping them discover *what* to learn and *how* to learn it. UCLA sponsors vari-

ous types of learning assistance. Tutorials in General Education courses typically involve regular weekly meetings between tutors and students. Tutors are also available to answer questions on a "drop-in" basis. One-to-one writing assistance is available to students at all levels and in courses across the curriculum. Small group or personal coaching and regularly scheduled workshops are available to help students build writing, reading, study, and test-taking skills. Call the Center for more information, or come in to request or to register for any of the learning assistance services.

UNIVERSITY COLLEGE TESTING SERVICES

346 Fell Hall, Campus Box 4060
(309) 438-2100
www.ucollege.ilstu.edu/testing

The University College Testing Services administers college-related tests such as the COMPASS Math Placement and the Constitution exams. University College Testing Services also provides information and registration materials for selected national standardized tests including ACT, CLEP, GRE, GMAT, and TOEFL. University College's Testing Services are also available to the community. Please feel free to call the office for more information.

Additional Academic Services

COMPUTER AND INFORMATION SERVICES

Campus Technology Support Group
University Computer Help Desk
(309) 438-HELP

Student Computer Ownership Initiative: All new students to the University are required to bring a personal computer that meets the University's published minimum hardware and software standards. For mobility and flexibility reasons, laptops are strongly recommended. No student will be prevented from attending classes based on an inability to purchase a computer. Different financial resources are available to students including adding the cost of a computer to a student's "total cost of attendance." The cost of attendance is one of the factors that determines the amount of financial aid offered. Assistance, help, specifications, and more information on the policy can be found at TechZone, Bone Student Center 2nd floor, or www.techzone.ilstu.org.

iCampus Portal: The iCampus portal, at www.icampus.ilstu.edu, allows students to register for classes, view course registration information and Planner, to view their grades, schedule, textbooks, financial aid status, email, Redbird card balance and more through a Web browser from anywhere in the world.

Internet Access: There are many convenient methods for connecting to Illinois State University over the Internet. All residence halls provide high-speed Ethernet access. There are also public network jacks and wireless connectivity available in many locations on campus for mobile laptop users, including areas in Milner Library, the Bone Student Center, and all residence hall dining areas. The University Computer Help Desk produces a CD each fall called Internet Tools, which provides computer users with browsers, email clients, virus protection, spyware detection, and other useful tools, all configured to reach Illinois State resources. It is available free of charge with a University ID at the University Help Desk in Julian Hall 115 or the Tech Zone in the Bone Student Center. For more specific information visit the Web site at www.ilstu.edu/helpdesk.

Computer Security: To protect your computer and the campus network from viruses, worms, trojans, and the like, you must install the free antivirus software provided by the University and set it to automatically update the virus definition files. You must insure that your computer presents no risk to the campus community by installing free critical updates to the operating system. Computers vulnerable to viruses and the like will be blocked from accessing the network. Further information on computer security requirements is available at www.ilstu.edu/helpdesk/security/.

Computer Laboratories: Personal computers (PCs) for doing work outside of class are available to students in over 60 computer labs at various locations on campus. PC and Macintosh computers are available, along with printers, scanners and copiers in some locations. Software tools such as email, browsers, word processing, graphics, spreadsheets, and course-specific software are available in varying configurations at all computer lab locations.

Seven of the larger computer labs are called University Labs, or uLabs. Two of the uLabs, in Stevenson 250 and Milner Library, are general purpose labs available to all students with a valid Illinois State University ID. The other five uLabs are general purpose labs located in five different residence halls, and are available to all residence hall students. Specific information about the uLabs, including operating hours, software available, and directions, may be found at www.ulabs.ilstu.edu.

Appropriate Use Policy: The University's Appropriate Use Policy establishes the appropriate use of computing and telecommunication networks, computing equipment, and technology resources. Users must agree to abide by this policy prior to gaining access to Illinois State resources. The policy includes provisions for the observance of all copyright laws. The full text of the appropriate use policy is available at the following Web site: www.policy.ilstu.edu/fiscal/appropriate_use_policy.htm.

MATHEMATICS TUTOR CENTER

330 Stevenson, (309) 438-8781

The Mathematics Tutor Center provides tutorial assistance to students enrolled in courses in Mathematics. Intensive remedial assistance is not provided. Interested students and faculty should contact the Mathematics Department for additional information.

STUDENT SERVICE AND REFERRAL CENTER

107 Moulton Hall, (309) 438-2188

The Student Service and Referral Center (SSRC) is the primary public service area of the Office of the University Registrar, providing assistance to students registering for courses, applying for graduation, requesting transcripts and other selected services. Referrals are made to other offices as appropriate. Client service hours and additional information may be found by visiting the Web site at www.ssrc.ilstu.edu.

Extended Learning

At Illinois State University, there are courses and programs that a student can complete without physically coming to the Normal campus. These courses are offered in various formats:

Extension: Extension courses are typically taught in traditional formats by Illinois State faculty members at approved off-campus sites throughout the state.

Internet: Internet courses make use of Illinois State's connection to the world wide web and other electronic resources. These courses may utilize on-line materials, courseware, and discussion groups, and may be delivered in an asynchronous mode.

Contract: Contract educational services, programs and courses are delivered through mutual contract to an off-campus site for a specific cohort or business entity.

For courses offered by Illinois State University, no differentiation is made between credits earned on-campus, off-campus, or by alternate delivery methods such as the Internet. For further information contact the Office of Extended University at (309) 438-5288 or view the Web site at www.exu.ilstu.edu.

Special Academic Opportunities

HONORS PROGRAM

The University's Honors Program described earlier in this catalog, offers academically talented students enriched educational opportunities. Honors students benefit from close personal advisement with skilled Honors advisors, from special, small classes taught by the University's outstanding professors, from opportunities for cooperative research with advanced scholars, from service learning opportunities, and from individually designed programs and independent study opportunities. Honors students also have special residential options and are eligible for special scholarships, awards and recognition.

ACADEMIC HONORS

Dean's Lists: Undergraduates who meet high academic standards, as established by the college of their major, are included in a Dean's List issued each semester. Eligible students must complete 12 or more graded hours during the semester. Courses completed after the official end of the semester and courses taken with a CT/NC option will not be counted for this purpose.

The Dean's List for the Colleges of Applied Science and Technology, Arts and Sciences, Education, Fine Arts, and Mennonite College of Nursing will include those students whose grade point averages place them among the top ten percent of those students majoring within the college based on their semester GPA. The Dean's List in the College of Business will include only undergraduate students majoring in business who have completed 12 or more semester hours with an overall semester grade point in the top ten percent, and at least a 3.33 GPA for all courses taken during the semester. Courses completed after the official end of the semester and courses taken with a credit/no credit option will not be counted for this purpose. Students whose major does not place them in one of the six colleges that offer classes and whose semester grade point average is within the top ten percent of the University are identified on the list of the Vice President and Provost.

Bone Scholars: The University each year names 14 outstanding junior undergraduates as Robert G. Bone Scholars. Robert G. Bone was president of Illinois State from 1956 to 1967, and was so highly regarded by the University community that these special scholarships were established to honor his memory. Undergraduates can receive no higher honor from the University than to be awarded the Bone Scholarship. These scholarships recognize superior academic records, broad academic achievement, notable community and campus service, and demonstrated leadership. Students must be nominated during spring semester of their junior year in order to apply for this award, and they must complete a rigorous application process in order to be selected. A university-wide committee, organized by the Honors Program, reviews applications and makes selections.

UNDERGRADUATE TEACHING ASSISTANTS

Undergraduate Teaching Assistantships (UTA) are available in nearly all departments of the University to juniors and seniors who have demonstrated excellence in a particular discipline and high overall scholastic achievement. The purpose of the program is to assist the faculty in the improvement of instruction and to provide UTAs with a valuable learning opportunity.

Undergraduate Research Assistantships (URA) are available in selected departments for students who have demonstrated excellence in a particular discipline with significant potential in research. The purpose of the program is to work closely with faculty members and to provide students valuable opportunities for research.

The responsibilities and nature of the UTA and URA assignments are determined by the departments and colleges. Some departments provide the opportunity for credit to be earned by the UTA under a General Offerings course (291 Seminar: Undergraduate Teaching Assistants). Three hours is the maximum amount of this credit that may be allowed for graduation. Tuition and fees are assessed in the usual manner for all credit earned in the UTA and URA experiences. Application forms are available in the departmental and college offices.

UNDERGRADUATE RESEARCH

Research is considered a vital component in the development of undergraduates at Illinois State. All students have the opportunity and are encouraged to participate in scholarly research during their university experience.

Illinois State explicitly views research as more than the traditional concept of expanding basic knowledge, favoring a definition that requires the application of such knowledge in resolving societal problems. Students have the opportunity to work in collaboration with Distinguished Professors and Outstanding University Researchers. As is true for all research, undergraduate students should ensure that any research projects involving living human subjects have been approved by the Institutional Review Board (IRB). Research projects involving living animals require the approval of the Institutional Animal Care and Use Committee (IACUC). Research involving biohazards must be reviewed by the Institutional Biosafety Committee (IBC). If questions exist, discuss this with your faculty supervisor or contact Research Ethics and Compliance, Professional Development Building at (309) 438-8451.

Student research is showcased each spring in the Undergraduate Research Symposium sponsored by the Graduate School, the Graduate Student Association, Research and Sponsored Programs, Milner Library, and the Honors Program. Students must be enrolled and engaged in research under the direction of a faculty mentor.

The symposium recognizes and promotes student research, scholarship and creative achievement by providing a professional setting in which students present. Presentation options include posters, oral, multimedia display and table display.

In addition to recognizing and encouraging research at the undergraduate level, this event will also provide professional advancement experience. Presenters at the symposium are eligible to apply for travel reimbursement for research presented at off-campus professional conferences. Funds are available through the Graduate School when matched by department/school funding.

INTERNATIONAL STUDIES AND PROGRAMS

301-311, 402 Fell Hall, (309) 438-5276
www.internationalstudies.ilstu.edu

The Office of International Studies and Programs (OISP) is the focal point for international activities at Illinois State University. The University's full scope of international activities - undergraduate, graduate, professional, research and training - are coordinated by this office.

The primary mission of OISP is to internationalize educational programs, research and training opportunities; hence advance the understanding of international and cross-cultural issues across campus and for the community at large.

International Student and Scholar Services: The mission of International Student and Scholar Services is to provide guidance and support to international students and scholars. The unit is responsible for immigration advisement and academic assistance and offers a variety of services for international students and scholars including an extensive orientation. The unit is also engaged in outreach through community-based organizations.

Study Abroad: Study Abroad offers students opportunities that provide cross-cultural interaction, exposure to geographic, economic and political diversity and a vehicle for personal growth and adaptation in a foreign environment. The unit provides year-round orientations, consultation and advisement, and follow-ups to assist students and program directors on a continuous basis before, during and after their study abroad experience.

National Student Exchange: The National Student Exchange provides an opportunity for undergraduate students to attend a member college or university in another state for up to two semesters while earning credit toward their home school's degree program. Illinois State is one of only two universities in the State of Illinois that participate in the NSE program. Such exchanges offer students the opportunity for cross-cultural interaction and exposure to geographic, economic and political diversity, as well as personal growth.

Management Development International (MDI): Management Development International conducts professional certificate and diploma training programs, as well as custom-designed training programs, in a variety of fields for international clientele. Programs are offered on-site at Illinois State and at many other locations around the world.

International House: International House is a multicultural living and learning center for American and international students at Illinois State. The primary responsibility of the International House Unit is to promote diversity among American and international students and to contribute to international understanding through commitment to developing friendships, providing cultural learning opportunities and offering programs which extend these primary goals to the wider university and to the Bloomington/Normal community.

Unit for International Linkages: The Office of International Studies and Programs has established the Unit for International Linkages to increase scholarly activity and research throughout the world. The unit pursues and coordinates linkages with institutions in countries around the world.

Fulbright Program Development: The Office of International Studies provides guidance for Fulbright Program Development with support of faculty efforts toward international scholarship.

Collaborative Units:

Admission of international students is processed through the Office of Admissions at Illinois State University.

English Language Institute is part of the College of Arts and Sciences. International student immigration and advising are coordinated through International Studies and Programs.

Intensive English Program at English Language Institute (Hudelson Building), (309)438-2072; www.cas.ilstu.edu/EnglishLanguageInstitute; email: eli@ilstu.edu: Illinois State University's English Language Institute (ELI) provides a special non-degree intensive program (20-hours per week) in English as a Second Language with equal emphasis on both communicative and academic needs for international students who wish to increase their English proficiency for college-level work or for international students on exchange programs. After the first semester, qualifying students can enroll in one regular University class in addition to their ELI program. In general, students enroll at ELI as full-time students for a semester or more.

Although admission to ELI does not guarantee subsequent admission to a degree program at the University, ELI students who attain a satisfactory TOEFL score can be admitted to a degree program at the University, provided they also meet the other requirements for admission. Hence, international students who do not have the minimum TOEFL score for admission to a degree program are encouraged to attend ELI first to prepare for admission to such a program at the University. Most students live in the University's campus housing which gives them a chance to interact with students of all backgrounds.

For further information, contact English Language Institute, Campus Box 6123; Fax: (309) 438-3031; phone: (309) 438-2072; Web site: www.cas.ilstu.edu/EnglishLanguageInstitute; or email: eli@ilstu.edu.

CAREER CENTER

185 Student Services Building, (309) 438-2200
www.careercenter.ilstu.edu and **jobs.ilstu.edu**

The Career Center is a valuable resource for students, alumni, employers, and faculty, offering a wide range of employment activities, plus a vari-

ety of employers in search of well-qualified candidates. The Center assists students in exploring satisfying career opportunities that fit their talents, interests, and goals. Assistance is provided in obtaining part-time positions both on- and off-campus, exploring internship and cooperative education experiences, graduate/professional school opportunities and permanent full-time employment opportunities.

The Career Center provides individual job-search assistance, computerized resume referral to employers, job listings, on-campus interviewing, and employer outreach. Several career events are offered throughout the academic year to facilitate students/alumni meeting with employers from business, industry, government, education and non-profit agencies. The office coordinates on-campus recruitment and maintains employer literature and videos, job descriptions, labor market outlook and salary information. Files containing letters of recommendation are maintained and distributed by request to employers.

A career resources area is also available that provides students/alumni with resources and information related to any stage of the career process (e.g., assessing interests and abilities, student employment, clarifying career direction, internship opportunities, handouts, information about career fairs and interviewing).

Professional Practice: Nationally recognized, this program offers academically qualified students an opportunity to integrate classroom study with one or more terms of paid or unpaid internship or co-op experience in a work environment related to the student's academic and career goals. Nearly 6,000 organizations in the U.S. and abroad have served as learning sites. Students interested in enrolling in co-op experiences or internships should contact the internship coordinator in their department/school or Career Center early in their undergraduate program so that credit-generating work/learning experiences can be arranged. A maximum of 16 semester hours may be used toward graduation at the undergraduate level.

Cooperative Education—an educational pattern that allows for alternating or parallel periods of campus study and paid, educationally related work experiences.

Internship—A carefully monitored work or service experience for students that provides intentional learning goals and reflects actively on the learning experience; they can be part- or full-time and paid or unpaid. Tuition and fees are assessed in the usual manner for all credit earned in internship experiences.

Student Employment: Targets on and off campus part-time employment opportunities ranging from administrative assistants to para-professional positions. Along with a wide array of part-time employment vacancies, on-campus graduate assistantships are posted on the interactive Web site at www.erecruiting.com.

For information contact the office via email at: jobs@ilstu.edu or by phone (309) 438-2200, Monday through Friday from 8 a.m. to 4:30 p.m., or www.erecruiting.com.

Preparation for Graduate Study

While many graduates proceed immediately to the working world upon receipt of their bachelor's degree, others choose to pursue their education further.

Requirements for admission to advanced study vary according to the profession as well as among the schools. Thus, a student planning to enter a professional school should seek specific admission information from the school he or she plans to attend. Preparation for admission to a professional or graduate school consists of (1) a broad educational experience, (2) courses that meet the specific admission requirements of the school the student plans to attend, (3) major and minor subjects that allow for concentrated study in a field of interest and that provide an alternative career direction if it becomes desirable, (4) relevant work or research experience, and (5) standardized test scores, such as the GRE, GMAT, LSAT, MCAT, etc.

GRADUATE SCHOOL

309 Hovey Hall, (309) 438-2583

The Graduate School offers master's degree programs in most fields in which undergraduate programs are available. Doctoral degree programs are available in Audiology, Biological Sciences, Curriculum and Instruction, Educational Administration, English Studies, Mathematics Education, School Psychology, and Special Education. A Specialist in School Psychology degree is offered as well as over 15 graduate certificates.

Students interested in graduate study at Illinois State should consult the *Graduate Catalog* for admission requirements and available programs. It is recommended that undergraduates contemplating future education take the necessary standardized test in the early part of their senior year. These test scores, along with transcripts, usually are necessary not only for admission but to attain various forms of financial support, e.g., Graduate

Assistantships. Further information also may be obtained from departmental/school offices and the Graduate School Office in Hovey Hall or at www.grad.ilstu.edu.

Preparation for Professional Study

HEALTH PROFESSIONS

Students in preprofessional programs for health-related professional colleges usually major in one of the departments in the College of Arts and Sciences. Majors in Biological Sciences or Chemistry usually are elected because several specific preprofessional course requirements can be applied toward a major in these fields. However, a major in any one of a number of other departments in the College is appropriate for many students who have a specific career goal in mind. Economics, foreign languages, mathematics, physics, psychology, sociology, and speech pathology and audiology are several examples of academic areas that have application to specialties within the health professions.

Minimum admission requirements to colleges of medicine, dentistry, and veterinary medicine are discussed below. Further information about admission procedures to these and other health-related professional colleges can be obtained by contacting the preprofessional advisor in the Department of Biological Sciences, (309) 438-8252.

Medicine: Admission requirements of individual medical colleges are set forth in *Medical School Admissions Requirements—United States and Canada*. Orders for this book should be addressed to:

Association of American Medical Colleges
2450 N. Street, NW
Publications Department
Washington, DC 20037-1129

To order by phone: (202) 828-0416, fax (202) 828-1123, or on the Web site: at www.aamc.org.

Specific course requirements of medical schools in the state of Illinois can be met by taking the following courses:

Chemistry 140, 141, 230, 231, 232, and 233
Biological Sciences 196, 197
Physics 108, 109
Behavior Sciences (9 hours)
English and Speech (9 hours)
Mathematics 145, 146 are recommended

Other specific course requirements usually are met by completion of the General Education program. It should be understood that a careful selection of general education and elective courses beyond the specific admission requirements can make the applicant more competitive.

Although a few students are accepted for enrollment in medical college after completion of 90 semester hours, they are distinct exceptions. Most students should anticipate the completion of the requirements for a bachelor's degree with the following approximate timetable:

1. Completion of specific course requirements by the end of the junior year.
2. Medical College Admission Test taken in April of the junior year.
3. Medical College application process begun in June, preceding senior year.

Dentistry: Admission policies of individual dental schools are set forth in *Admission Requirements of United States and Canadian Dental Schools*. Book orders should be addressed to:

American Dental Education Association
1625 Massachusetts Avenue, NW
Washington, DC 20036-2212

To order by phone: (202) 667-9433 or on the Web site: www.adea.org

In addition to the completion of the General Education program, the following courses would meet the minimum specific course requirements for Illinois dental schools:

Chemistry 140, 141; CHE 230, 231; 232-233; 242 or 342.
Biological Sciences 196, 197
Physics 108, 109

Most students enter dental school after three or four years of preprofessional studies. The minimum requirement for admission to dental schools in the state of Illinois is two years of college, even though most such applicants are unsuccessful. It is therefore advised that students anticipate at least a three-year program with the following timetable:

1. Completion of specific course requirements by the end of the sophomore year.
2. Dental Admission Test taken in April of the sophomore year or by October of the junior year.
3. Dental college application process is begun in the fall of the junior year.

Veterinary Medicine: Illinois residents find it exceedingly difficult to gain admission to colleges of veterinary medicine outside the state. Students should therefore direct their attention largely to

the admission policies of the University of Illinois College of Veterinary Medicine.

Specific course requirements: 5 semesters of biology with laboratory, including 3 semesters of 200- or 300-level courses; 4 semesters of chemistry, including organic chemistry and biochemistry; 2 semesters of physics; 2 semesters of English; 4 semesters of humanities and social sciences. One semester of animal science is recommended. Some two-year students are accepted, but the majority of successful candidates have 3 or 4 years of preprofessional study. Students are therefore advised to plan their program for completion of the requirements for admission to veterinary college by the end of the sophomore year. A four-year program leading to a bachelor's degree should be anticipated in the event that early application to veterinary college is not successful.

Students at Illinois State University with 24 credit hours who demonstrate outstanding academic abilities and a strong interest in veterinary medicine may qualify for the University of Illinois Guaranteed Admissions Program to the College of Veterinary Medicine. For further information contact the preprofessional advisor.

ENGINEERING

Illinois State University Physics Department directs an Engineering program shared with either the University of Illinois College of Engineering or Bradley University department of Industrial and Manufacturing Engineering. Students begin at Illinois State and transfer to their chosen engineering university after 90 hours. Students receive a B.S. in Engineering from the University of Illinois or Bradley University upon completion of their Engineering requirements. They receive a second B.S. in Physics from Illinois State upon transferring back 30 approved hours from the engineering university. Students major in Engineering Physics while at Illinois State.

The Engineering Physics program is listed under the Physics programs section of the Undergraduate Catalog. Engineering Physics majors benefit from small class size and close student-faculty interactions in the Physics Department. This five-year program offers greater depth than the average engineering curriculum and provides students with the additional problem solving and scientific foundations needed to design the rapidly changing technologies of the future. The first years of this program also are suitable preparation for transfer to most engineering schools. Due to the sequential nature of engineering curricula, it is important that appropriate course selections be made. Interested students should contact the Department of Physics at (309) 438-8756 or info@phy.ilstu.edu early in their academic careers for help in planning an appropriate plan of study.

LAW

Law schools do not require any specific courses or undergraduate majors. A committee of the Association of American Law Schools has recommended that the prelaw student keep in mind three basic objectives in planning an undergraduate program: education for articulate oral and written expression; education for greater understanding of human institutions and values; and education to develop the skills of conceptual analysis. The committee has emphasized the need for a broad, liberal education that develops the student's intellectual interests rather than an education directed too pointedly toward later professional training and practice.

Students planning to apply for admission to law school should consult the University's prelaw advisor, Dr. Robert C. Bradley, Department of Politics and Government, (309) 438-8944, for information about the Law School Admissions Test and for assistance in selecting and applying to suitable law schools.



ACADEMIC POLICIES AND PRACTICES

Illinois State University is proud of its commitment to undergraduate education and its focus on student success through the provision of a small college atmosphere with large university choices. With a commitment to individualized attention, the University promises to work closely with all students throughout their academic career to ensure they complete their degree as expeditiously as possible.

Whether entering the college classroom for the first time or transferring from another institution, every student encounters questions when building a class schedule and working through the semester toward a final grade. The following policies and practices will help you understand the academic structure on campus and find success in the classroom.

COURSE REGISTRATION AND WITHDRAWAL

Course Registration: Students at Illinois State University register through the iCampus Portal at www.icampus.ilstu.edu. Help with registration may be obtained at the Student Service and Referral Center, 107 Moulton Hall, or by calling (309) 438-2188. For office hours visit the Web site at www.registrar.ilstu.edu and click on SSRC.

Registration may be accomplished during the advance registration period or the additional registration periods prior to the start of the semester. New freshman and transfer students may register during summer Preview or a Transfer Registration Program and are encouraged to do so because of the wider selection of courses open to them at that time. They may also register just before the opening of the semester. For advance registration an entry notice, giving date and time of registration, will be available on the iCampus Portal approximately two weeks prior to advance registration.

Confirmation of Attendance: Students are requested to confirm their intention to attend Illinois State for the upcoming session. Students who register in advance will receive a copy of their schedule and a confirmation card regarding their intention to attend the University during the upcoming session several weeks prior to receiving a bill for that session. Students may confirm their intentions in one of two ways which will be available to students throughout the month of July for fall and December for spring. The options include: (1) completing and mailing the confirmation card; or (2) accessing the iCampus Portal.

Class Registration Changes: A student who is already registered for a particular semester and desires to change his or her program before the deadline for doing so should follow the instructions available on the Registrar's Web site at www.registrar.ilstu.edu.

Withdrawal Policy—Dropping a Course or Courses: Students are strongly advised to complete all courses in which they enroll and are encouraged to avoid withdrawing from any course after the program change period unless absolutely necessary.

The following policy applies to students who drop a course or courses but maintain an enrolled status within the University: A student may withdraw from a course during the program change period without the withdrawal being shown on the transcript. (A student should consult the Registrar's Web site at www.registrar.ilstu.edu/students to obtain specific dates.)

After the tenth day of classes, but prior to the end of the eighth week of classes during any regular semester, a student may withdraw from a full semester course with a grade of WX by complying with the following steps: (1) Obtain, complete, and sign a course withdrawal form; (2) Obtain the instructor's signature on the form; and (3) Submit the form to the Student Service and Referral Center, 107 Moulton Hall.

A student should consult the Student Service and Referral Center for questions regarding refunds and for specific withdrawal dates during any instructional term. For courses taken during a term lasting less than a regular semester, a proportional withdrawal period will apply.

A grade of F will be given to students who (1) fail to withdraw officially from a course in compliance with the above procedure, or (2) register for a course but do not complete course requirements.

Upon the written recommendation of a licensed physician or clinical psychologist, or in other unusual circumstances, a student may be granted permission to withdraw officially from a course for medical, psychological, or other similar reasons after the official withdrawal period upon receiving approval from the University Registrar, or his designee. If approval is granted, a grade of WX, WP or WF, as assigned by the professor, will be awarded.

Withdrawal Policy—Dropping All Courses: The following policy applies when a student drops all courses in which he or she is enrolled, which is known as withdrawal from the University. Students are strongly advised to complete courses in which they are enrolled and not to withdraw from the University unless absolutely necessary.

Before the end of the twelfth week of classes during any regular semester, a student reports to the Student Service and Referral Center in 107 Moulton Hall or writes to the Office of the University Registrar at Campus Box 2202 to withdraw from the University.

If a student's written request to withdraw from the University is granted, all grades will be assigned in the same manner and under the same provisions as the regular course withdrawal guidelines except that the student will not be required to contact his or her instructors. Instead, the instructor of each course assigns a WX, WP, WF or letter grade as appropriate depending on the date and circumstances of withdrawal. If medical or other reasons make it impossible for the student to follow the usual procedures, a letter requesting withdrawal that explains the situation, with appropriate documentation and the student's signature, will be sufficient. Withdrawals made by mail are addressed to Office of the University Registrar, Illinois State University, Campus Box 2202, Normal, IL 61790-2202, or by fax to (309) 438-8652.

Regardless of the circumstances of withdrawal, the student is responsible for returning any laboratory equipment and library materials. The student will pay for any parking fines and remove the parking decal from any registered vehicle. The student will contact the University Housing Services to obtain clearance from room and board obligations and to arrange for vacating the residence hall room. The student should arrange with the Financial Aid Office to place any scholarship on leave or cancel it and make arrangements for future financial assistance. Arrangements for payment of loans must be made in the Office of Student Accounts. Consult the Student Service and Referral Center or the Office of Student Accounts for information on refunds.

A grade of F will be given to students who (1) do not attend their courses but fail to withdraw from the University before the specified final withdrawal date, and to students who (2) register for a course but do not complete course requirements. In unusual cases, exceptions may be granted by the University Registrar.

Repetition of Course(s) Requirements: If a student completes a course, or drops a course after the tenth day of classes receiving a grade of WX, WP, or WF, he or she may repeat that course once. For students receiving a letter grade of B, C, D, F, or a WF, the course repetition must occur at Illinois State University.

Students seeking to repeat a course a second time (a third enrollment) must obtain permission from their academic advisor who will submit a substitution waiver form to the University Registrar for final approval. When a course has been repeated at Illinois State University, the most recent grade (A, B, C, D, F, WF) that the student earns will replace the previous grade in the cumulative GPA calculation. A grade of WP or WX will not replace the previous grade.

The previous grade(s) will not be removed from the student's transcript, and the credit hours from only the last attempt can be used toward meeting minimum hourly requirements. Students repeating a course to improve their GPA should be aware that many professional and graduate schools recalculate GPAs to include all courses attempted.

Cross-listed Course Policy: Cross-listed courses are offered by more than one department or school, but treated as one course for credit purposes. A cross-listed course will be considered as one course regardless of the department or school through which the student registered for the course. This is a general rule that applies to all cross-listed courses taken for any purpose.

Course Load Requirements: A full-time undergraduate student carries between 12 and 17 hours. For enrollment verification purposes, 12 hours is considered full-time for undergraduate students. A student wishing to carry more than 17 hours in a semester may seek permission to do so from the chairperson or director of his or her major department or school (or their designees). The granting of this permission will depend on the student's scholastic record. A freshman may not carry over 17 hours during his or her first semester.

A student considering enrolling in any classes, including extension or correspondence, at another college or university with concurrent registration at Illinois State University should consult with his or her advisor.

Summer Academic Opportunities: The University is operated on the semester plan and provides, in addition to its fall and spring semesters, a summer session with courses of varying

lengths, and a variety of short-term offerings. Courses are also offered off campus. Limited student teaching and internship positions are available during the summer session. Prospective students may obtain information on summer course availability, and other information for the session at the Registrar's Web site. Summer session students should refer to the *Undergraduate Catalog* and *Graduate Catalog* for academic requirements. Admission to the University can be arranged on a summer only basis. Further information can be obtained by writing to the Office of Admissions, Illinois State University, Campus Box 2200, Normal, IL 61790-2200, or by calling (800) 366-2478.

Evening and Off-Campus Classes: In addition to courses offered during the regular school day, evening and weekend classes are scheduled both on campus and off campus. For courses offered by Illinois State University, no differentiation is made between credits earned on campus and off campus. Inquiries concerning off-campus classes should be directed to Extended University, (309) 438-5288 or www.exu.ilstu.edu. Non-credit workshops, seminars, and conferences are scheduled by the Illinois State Conferencing Unit, (309) 438-2160.

UNIVERSITY GRADING SYSTEM

Course Grades: Instructors assign a grade in each course for which the student is registered. The course instructor is responsible for correcting any error in grading.

The grade point equivalents are 4 for A, 3 for B, 2 for C, 1 for D, and 0 for all other grades. The 0 value of F as well as WF is computed in the student's grade point average (GPA). The 0 value of grades I, AU, CR, CT, NC, WP, and WX is not computed in the student's GPA. University grades assigned undergraduate courses are:

A Excellent

B Good

C Satisfactory

D Poor, But Passing

F Failing—Assigned to students who are (1) enrolled in a course all semester but fail to earn a passing grade, or who (2) stop attending a class without officially withdrawing

WX Withdrawal—Assigned to students who officially withdraw from a course before the quality of work can be determined and before the dates specified in the withdrawal policy

WP Withdrawal Passing—Assigned to students who officially withdraw from a course and who are doing passing work at the time of withdrawal

WF Withdrawal Failing—Assigned to students who officially withdraw from a course and who are not doing passing work at the time of withdrawal

I Incomplete

AU Audit

CR Credit—Assigned to students who do satisfactory work in a course which is offered on a Credit/No Credit basis only

CT Credit—Assigned to students who earn an A, B, or C grade in a course which they have elected to take under the Credit/No Credit option

NC No Credit—Assigned to students who (1) do not do satisfactory work in a course which is offered on a Credit/No Credit (CR/NC) basis only and to students (2) who do not earn an A, B, or C grade in a course that they have elected to take under the Credit/No Credit (CT/NC) option

Incomplete: An incomplete (I) will be assigned to a student who is doing passing work but finds it impossible, because of reasons beyond her or his control (such as illness), to complete the required work by the end of the term. The student must have attended class to within three weeks of the close of the semester or to within one week of the close of the summer session.

The instructor may specify the time by which the required work must be completed, which may be no later than the final class day of the corresponding term of the following academic year. For graduating students, an incomplete grade must be removed at least six weeks before December or May commencement or two weeks before August graduation. **Students will not be allowed to graduate with Incompletes on their record.**

When the Incomplete is assigned, the student, faculty member, and the department chairperson or school director must sign an Incomplete Permit form. The form will specify the date by which the work must be completed, the default grade (A, B, C, D, or F) that will be assigned if the work is not completed by the specified date, and the nature of the required work. If the instructor fails to file the appropriate grade change by the specified date, the Incomplete will lapse to the default grade specified. Exceptions to this policy may be granted by the University Registrar.

Auditors: An auditor does not participate in the activity of the class but is expected to attend

regularly. A student may register as an auditor in a class or classes if space is available. An Audit (AU) designation will appear on the student's transcript when the instructor certifies that the student has attended the class on a regular basis. If the student has not attended regularly, a WX will be recorded on the transcript after the instructor has notified the Registrar's Office in writing that the student has not attended regularly. To audit, a student must obtain an Auditor's Permit from the Student Service and Referral Center or download it at www.registrar.ilstu.edu/students/forms, have the instructor sign it and present the form at the Student Service and Referral Center. Students must register to audit a course by the tenth day of classes in the semester, with any exception having the approval of the chairperson of the department or director of the school in which the course is offered and the University Registrar. There is a fee for auditing; see the section on Costs in this *Undergraduate Catalog*. Students who are registered for sixteen or more hours for credit may audit courses without additional fees. Audited courses are considered part of the student's total load.

Credit/No Credit Courses: Certain courses in the University are offered on a Credit/No Credit (CR/NC) basis only. For these courses, students receive a grade of CR (Credit) or NC (No Credit). The offering of a particular course on a CR/NC basis only must be approved in advance by the Office of the Provost.

Credit/No Credit Student Option (commonly called Pass/Fail): An undergraduate student (except a first-semester freshman) who is not on academic probation may choose to register in some courses under the option that allows the student to be graded on the basis of CT (Credit) or NC (No Credit) rather than on the basis of A, B, C, D, or F grades.

This CT/NC option is designed to encourage students to enroll in courses they otherwise would not take. Some courses, therefore, including those in a student's major or minor, may not be taken on the CT/NC option. Exceptions include courses in the student's major or minor field that are offered only as credit/no credit (CR/NC) courses. No more than six semester hours of work under the CT/NC option may be taken each semester, with a maximum of 25 semester hours under the CT/NC option presented for graduation. Although an entry of CT (credit earned under the option) or NC (no credit earned under the option) will be entered on the student's record, these entries are not used in computing the student's GPA.

No Inner Core or Middle Core course in the General Education Program may be taken under the CT/NC option.

Students who plan to enter graduate or professional schools should exercise caution in taking courses under the CT/NC option because courses completed on a pass-fail basis may adversely affect graduate admission opportunities. Such students should consult their academic advisor prior to taking courses on a pass/fail basis.

A grade of CT is recorded when the grade submitted by the instructor is A, B, or C. A grade of NC is recorded when the grade submitted by the instructor is D or F.

Students electing the CT/NC option should do so as part of the regular registration process. Students may not elect the option after the tenth day of classes in the semester. Students who have elected the CT/NC option may return to the letter basis of grading before the last date for withdrawing from a course, as specified on the Registrar's Web site at www.registrar.ilstu.edu/students.

Grade Point Average: To be eligible for graduation, a student must have a minimum grade point average (GPA) of 2.00 (C) in all courses taken at Illinois State University for which grades of A, B, C, D, F, or WF are assigned. Failures are considered in the total number of semester hours taken in computing the GPA. The table below illustrates how grade points are counted to determine the GPA.

Course	Grade	Sem. Hrs. Enrolled	Sem. Hrs. Earned	Sem. Hrs. For GPA	Grade Points
POL 105	D	3	3	3	3
BSC 145	CT	2	2	0	0
COM 110	A	3	3	3	12
MUS 139	I	1	0	0	0
CHE 102	B	3	3	3	9
KNR 133	WX	1	0	0	0
IDS 106	NC	1	0	0	0
Totals		14	11	9	24

The GPA is computed by dividing grade points earned by semester hours counted for GPA. In the case above, a GPA of 2.66 is calculated by dividing 24 (total grade points) by 9 (semester hours for GPA). Grades of WX, WP, CT, CR, I, and NC do not affect the GPA.

ACADEMIC PROGRESS ALERT

The Academic Progress Alert is an assessment of the undergraduate student's performance in each 100-level course in which the student is enrolled. This assessment is available through the iCampus Portal at www.icampus.ilstu.edu at the end of the first half of the semester.

ADDITIONAL ACADEMIC REQUIREMENTS

Class Attendance: The attendance regulation of the University is based on two principles. First, students are expected to attend class regularly; and second, students are primarily responsible to the instructor in matters pertaining to class attendance. Every student will be held responsible for class attendance and successful completion of academic work. Attendance regulations are intended to encourage student maturity and are based on the assumption that academic success is the student's primary goal in college.

Illinois State University deeply values and supports the required participation of students in Sanctioned University Activities. Instructors will provide such students with reasonable accommodations for completing missed exams, quizzes, and the like. The Office of the Vice President of Student Affairs will determine Sanctioned University Activities. It is the responsibility of the student to (1) inform instructors of scheduled absences in advance, (2) where possible and as soon as possible, provide a schedule of all semester absences, and (3) arrange to complete missed classroom work. Ultimately, students are responsible for material covered in class. In the event of disagreement regarding this policy, the issue will be directed to the appropriate Associate Vice President for Academic Affairs for arbitration.

The University will accommodate, within reason, students whose religious obligations require absence from class. Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

Class Standing: Students in a bachelor's degree program are classified as freshmen, sophomores, juniors, and seniors. A student must have completed 30 semester hours to be classified as a sophomore, 60 hours to be classified as a junior, and 90 hours to be classified as a senior. Students not working toward a degree at Illinois State are listed as Unclassified Students.

Major Field(s) of Study: Students may select a major field of study at the time of admission unless the field they choose has special admissions standards. Students who are undecided about a major field are classified as General Students and are encouraged to select a major field of study as soon as possible. The major and minor fields of study available at Illinois State are described later in this catalog. A student may complete the requirements for two majors, both of which will be identified on the student's transcript provided all requirements are completed in both majors and the degree is awarded. When a student double majors, the student indicates only one major for purposes of registration. Unless otherwise specified in a particular program, students may use a specific course to meet requirements for a major and a second major.

Change of Primary or Secondary Major: A student wishing to enter a second major or change majors must consult the chairperson of the department or director of the school (or their designees) offering the major.

Program Specific Admission Criteria: Illinois State University regulates admission to designated programs when the number of students seeking admission exceeds the available educational resources of the department or school. Students may be required to meet supplementary selection criteria based on the most current undergraduate catalog. Supplementary selection criteria may be based on scholastic achievement, including prerequisite and General Education course work and may consist of auditions, portfolios, work experience, etc. These selection criteria can be obtained from the intended major department or school advisor.

Dismissal from Major: A student who is academically dismissed from the University will be dropped automatically from his or her major. The student dropped from the major will be classified as a General Student and will receive academic advisement from the University College Academic Advisement Center. In order to become a major in a department or school after being dropped, the student must be accepted by the department or school in which he or she desires to be a major.

Minor Field(s) of Study: Students often elect a minor field of study. A student may elect to complete the requirements for two minors, both of which will be identified on the student's transcript upon receipt of degree. A student wishing to enter a minor, second minor or change minors consults with the academic department(s) offering the minor. Unless otherwise specified in a particular program, students may use a specific course to meet requirements for a minor and a second minor.

Certification Programs: Students who fail to maintain the specific grade point average required by their teaching or other certification program may be dismissed from that program. At the option of the department or school, students dropped from the program may pursue a degree

in their major or be classified as a General Student and will receive academic advisement from the University College Academic Advisement Center. To become a candidate for a certification program after being dropped, students must be accepted by the department or school in which they desire to pursue a certification program.

Academic Good Standing: To maintain academic good standing, a student must achieve a minimum cumulative GPA of 2.00. The number of semester hours completed includes all college work done by the student. However, only the grades earned at Illinois State are used in computing the GPA.

For satisfactory progress for financial aid purposes, see Satisfactory Progress Policy in this catalog. "Academic Good Standing" status is necessary for continued enrollment in the University and may be necessary for eligibility to serve on various University committees and for participation in some co-curricular activities. Academic Good Standing status does not guarantee admission to, or retention in, specific departments, schools, or programs. Information concerning admission to and retention in specific programs is listed in this *Undergraduate Catalog* under the appropriate department, school or program descriptions.

Academic Warning: Each semester (fall and spring), the University identifies students that appear to be in jeopardy of being placed on academic probation. These students will be notified that they are on Academic Warning. Students on Academic Warning can contact the Office of Enrollment Management and Academic Services (EMAS) for guidance on programs and services geared toward improving their academic standing. Information about Academic Warning can be obtained from EMAS, 308 Hovey Hall, Campus Box 4900, at www.emas.ilstu.edu, or at (309) 438-2156.

Academic Probation: When a student's cumulative grade point average falls below a 2.00 on a 4.00 scale, they are placed on academic probation. Students on academic probation are required to participate in Project Success - a program designed to assist students in returning to good academic standing. Information about Academic Probation and Project Success can be obtained from the Office of Enrollment Management and Academic Services, 308 Hovey, Campus Box 4900, by calling (309) 438-2156, or at www.emas.ilstu.edu

Academic Dismissal: At the end of any semester, except for summer session, when a student's cumulative grade point average is below a 2.00 a second or subsequent time, he or she is dismissed from the University.

Academic Reinstatement: Students dismissed from the University may petition the Reinstatement Committee for permission to continue. Petition information is sent to the student's home address. Failure to act upon such request within the deadlines specified in that information will assure non-attendance. Therefore, students should keep their addresses current. Additionally, students can access petition information via the iCampus Portal at www.icampus.ilstu.edu or by visiting the Office of Enrollment Management and Academic Services Web site at www.emas.ilstu.edu.

A student should expect to remain out of school for at least one calendar year before the Reinstatement Committee will review a petition for reinstatement. Only students who have extenuating circumstances or errors in their academic records should plan to petition for reinstatement for the semester following their dismissal.

Reinstatement from Dismissal: After a student has been academically dismissed from Illinois State University and has not been enrolled at Illinois State for at least one calendar year, a student may petition for reinstatement. Petitioning to return to Illinois State involves the following: (1) meeting university-wide readmission requirements and deadlines; and (2) being reinstated by the University Reinstatement Committee. Application procedures, reinstatement information and deadlines can be found at the Office of Enrollment Management and Academic Services Web site at www.emas.ilstu.edu. Reinstated students are required to participate in Project Success -- a program designed to assist students in returning to Academic Good Standing.

If a student attends any other higher educational institution after dismissal from Illinois State, he or she must indicate such attendance on the readmission application and supply an official transcript from the other school(s). Students must have earned a C average (2.00/4.00) or higher for all course work taken since last attending Illinois State and have been in good academic standing at the last institution attended as a full- or part-time student.

Repeated failures to do satisfactory work may result in permanent exclusion from the University.

New Start Policy: Students who leave Illinois State in a degree program with less than a 2.00 cumulative grade-point average (GPA) may be considered for readmission through the New Start Policy. Applicants admitted through this policy will begin with a new cumulative GPA calculated from the point of their reentry.

Students may be considered for readmission through the New Start Policy after being away from the University for one full year (Example: A student who last attended the University the Fall 2005 term cannot reenroll through the New Start Policy until the Spring 2007 term.) and only when the requirements of one of the following New Start categories are met:

1. **Non-Traditional Student Option:** Former Illinois State students at least 25 years of age may be considered for readmission through this option. If they have attended any college (including Illinois State) in the three calendar years preceding re-enrollment at Illinois State, they must have achieved at least a 2.50 GPA for that college work. Transfer credit will be evaluated and appropriately awarded.

2. **Veterans' Option:** Students who complete at least a one-year tour of duty and present a discharge for reasons other than dishonorable, and whose first attendance at a college or university after discharge is at Illinois State, may be considered for readmission through this option.

3. **Community College Transfer Option:** Former Illinois State students who earned 60 or fewer hours at Illinois State prior to enrolling at a community college and who subsequently earn at least 24 hours after being away for one full year and earn a currently accepted associate degree (A.A. or A.S.) from a community college with at least a 2.50 GPA may be considered for readmission through this option. Transfer credit will be evaluated and appropriately awarded.

The application process includes the submission of the *2007-2008 New Start Application for Admission*, official academic transcripts from all schools attended since leaving Illinois State, and a statement describing your potential to do well academically as described on the New Start application. In some cases, additional supporting documents may be requested from the University in order to complete your application. You are strongly encouraged to file an application as soon as possible during the priority-filing period for the term for which you are applying. Application deadlines are posted on the Admissions Web site at www.IllinoisState.edu/admissions and the *2007-2008 New Start Application for Admission.*

Students may exercise the New Start Option only once. Such students will have "New Start" indicated on their transcript. New Start will affect only the cumulative GPA. All grades earned at Illinois State, regardless of when earned, will be used in the calculation of the major GPA, the minor GPA, and graduation honors. Students who are admitted through the New Start Policy will be admitted on academic probation. Students who reenter under the New Start Policy must follow the *Undergraduate Catalog* in effect at the time of reentry. To be eligible for graduation, a student must earn at least 30 semester hours at Illinois State University after exercising New Start.

ACADEMIC INTEGRITY

Students are expected to be honest in all academic work. A student's name on any academic exercise (theme, report, notebook, paper, examination) shall be regarded as assurance that the work is the result of the student's own thought and study. Offenses involving academic dishonesty include, but are not limited to the following:

a. Cheating on quizzes or examinations occurs when any student is found using or attempting to use any book, paper, or other article, or assistance from any individual intending to deceive the person in charge of the quiz or examination with reference to his or her work. No books, notes, papers or related articles shall be used at any quiz or examination unless specifically authorized by the person in charge. Conversation or other communication between individuals in examinations and quizzes is forbidden except as authorized by the instructor.
b. Computer dishonesty is the unacknowledged or unauthorized appropriation of another's program, or the results of that program, in whole or in part, for a computer-related exercise or assignment.
c. Plagiarism is the unacknowledged appropriation of another's work, words, or ideas in any themes, outlines, papers, reports, or computer programs. Students must ascertain from the instructor in each course the appropriate means of documentation. Submitting the same paper for more than one course is considered a breach of academic integrity unless prior approval is given by the instructors.
d. Grade falsification is any attempt to falsify an assigned grade in an examination, quiz, report, program, grade book, or any other record or document.
e. Collusion occurs when students willfully give or receive unauthorized or unacknowledged assistance on any assignment. This may include the reproduction and/or dissemination of test materials. Both parties to the collusion are considered responsible. No individual may substitute for another in any quiz or examination.

For more information consult the Community Rights and Responsibilities Web site at: www.crr.ilstu.edu.

PROFICIENCY AND PLACEMENT EXAMINATIONS

Students at Illinois State University may receive credit by examination through the following programs: College Level Examination Program (CLEP) General Examinations, Departmental Proficiency Examinations, CLEP Subject Examinations, and the Advanced Placement program. Students and prospective students are advised to plan their course work and examination attempts carefully because they may not receive credit by examination for a course in which they have been enrolled on the tenth day of classes.

CLEP General Examinations: Illinois State University grants credit by examination toward General Education requirements for the College Level Examination Program under the following guidelines:

1. A student may receive credit for a maximum of 18 semester hours credit through CLEP General Examinations.
2. A student who desires to take the CLEP General Examinations should do so before enrolling for classes at the University.
3. Credit earned through the CLEP General Examinations shall count toward General Education and graduation requirements only. A student may not use the CLEP General Examinations to raise grades or remove failures in courses already taken. All credit for CLEP General Examinations shall be considered credit at the 100-level.
4. A student who is awarded credit in one or more areas of the General Examinations should consult with his or her advisor to select other appropriate basic and advanced courses.
5. A student may not receive credit for both an area of the CLEP General Examinations and previously earned course credit in the same area. For example, a student who earned course credit in the Fine Arts (Art, Music, Theatre) may not receive credit for a General Examination in the Fine Arts area. Also, credit will not be awarded for the General Examination areas in which credit is earned through Departmental Proficiency Examinations, Advanced Placement Examinations, or CLEP Subject Examinations.
6. Students may take the CLEP General Examinations at Illinois State at times scheduled by the University Testing Office or at any CLEP Open Test Center. Students may contact the University Testing Office, 346B Fell Hall, Campus Box 4060, (309) 438-2100, for further information. Students who take the CLEP examinations are responsible for the cost of the examination.
7. FOR STUDENTS WHO HAVE TAKEN THE CLEP GENERAL EXAMINATIONS PRIOR TO JULY 1, 2001. A student will be awarded 6 semester hours credit toward graduation and General Education requirements for a score of 570 on the Humanities, a score of 610 on the Natural Sciences, and a score of 550 on the Social Sciences and History general examinations passed. Credit will be awarded as follows:

Humanities

3 hours	Fine Arts	(Outer Core)
and 3 hours	Language in the Humanities	(Middle Core)

Natural Sciences*

3 hours	Biological Sciences	(Inner Core)
and 3 hours	Physical Sciences	(Inner Core)

Social Sciences and History

3 hours	Individuals and Society	(Middle Core)
and 3 hours	U.S. Traditions	(Middle Core)

* If CLEP credit is received in both Biological and Physical Sciences the General Education lab requirement will be waived.

NOTE: Credit is not available for the English Composition or Mathematics General Examination.

8. FOR STUDENTS WHO HAVE TAKEN THE CLEP GENERAL EXAMINATIONS JULY 1, 2001, OR AFTER. A student will be awarded 6 semester hours credit toward graduation and General Education requirements for a score of 56 on the Humanities, a score of 65 (56 after May 22, 2006) on the Natural Sciences, and a score of 56 on the Social Sciences and History general examinations passed. Credit will be awarded as follows:

Humanities

3 hours	Fine Arts	(Outer Core)
and 3 hours	Language in the Humanities	(Middle Core)

Natural Sciences*

3 hours	Biological Sciences	(Inner Core)
and 3 hours	Physical Sciences	(Inner Core)

Social Sciences and History

3 hours	Individuals and Society	(Middle Core)
and 3 hours	U.S. Traditions	(Middle Core)

*If CLEP credit is received in both Biological and Physical Sciences the General Education lab requirement will be waived.

NOTE: Credit is not available for the English Composition or Mathematics General Examination.

Students who have taken CLEP General Examinations at another institution may request that scores be submitted to Illinois State by contacting CLEP, P.O. Box 6600, Princeton, NJ 08541-6600 or telephone (609) 771-7865.

CLEP Subject Examinations: In addition to the previously described opportunities provided by the CLEP General Examinations, several departments or schools grant credit by examination in specific subject areas covered by CLEP Subject Examinations. Courses approved for credit under this program are HIS 101 and 102, MAT 145 and 146, POL 105 or 106 (includes U.S. Constitution only), PSY 111, and SOC 106. The University Testing Office, 346 Fell Hall, Campus Box 4060, (309) 4382100 provides information about test dates and fees.

Departmental Proficiency Examinations: Departmental proficiency examinations are offered in most 100-level and in a limited number of 200-level courses. The purposes of the examinations are to allow students to receive credit for knowledge acquired previously and to allow students to enroll in more advanced courses or to add breadth to their academic programs. Proficiency examinations are optional and recommended only for students who are unusually skilled in the discipline in which the examination is taken. Specific information about the nature of a given examination should be obtained directly from the appropriate departmental or school office. Below are University guidelines and procedures relating to proficiency examinations:

1. The nature and content of each proficiency examination shall be determined by the department or school in which the course is offered. Standards of performance required for receiving credit in a given course also shall be determined by the department/school offering the course; the level and quality of work required for satisfactory performance on a proficiency examination is equivalent to that required for a grade of C in the course.
2. Academic departments shall provide proficiency examinations in most 100-level courses that are regularly listed in the *Undergraduate Catalog.* Students will find a list of courses in which proficiency examinations are offered at the Enrollment Management and Academic Services Web site: www.enrollmentmanagement.ilstu.edu/proficiencyexams/.
3. A description of each proficiency examination should be available in the department or school offering the examination. Students should contact the appropriate department chairperson or school director for information about a specific examination, including qualifying experiences.
4. All Illinois State University students are eligible to take proficiency examinations; however, students who have not completed 12 hours of accredited college or university course work need written approval of the chairperson or director of the department/school in which the course is offered.
5. Letter grades will not be assigned for proficiency examinations; therefore, the GPA will not be affected.
6. Credit earned in proficiency examinations may not be used to raise grades or remove failures in courses in which a student has been enrolled previously.
7. No course credit will be awarded for a proficiency examination which is at a lower level than a course previously enrolled in or one that substantially duplicates the content of a course taken previously.
8. Students may take a proficiency examination only once.
9. Students may register for only one departmental proficiency examination each semester unless examinations are approved in writing by the chairs or directors of the departments/schools where the courses are being offered.
10. Students with disabilities should notify the appropriate departmental office of the need for any special accommodations prior to the date of the examination.
11. Students should register for an examination by completing the online application form available at the Enrollment Management and Student Services Web site at www.enrollmentmanagement.ilstu.edu/proficiencyexams/application.

Advanced Placement Program: The Advanced Placement Program is sponsored by the College Entrance Board. The examinations are administered at designated high school testing centers. Students will be awarded credit or exemption as indicated.

A student who has taken Advanced Placement Program examinations should request that his or her scores be sent to the University Registrar at Illinois State University. To request grade reports for Advanced Placement Examinations completed, a student should write to Advanced Placement

Exams, Box 6671, Princeton, NJ 08541-6671. In making the request, the student should include name, sex, date of birth, the year in which the examination was taken, and the name and identification number of the college to which the grade report should be sent. Illinois State University's identification number is 1319. The College Board currently charges $8.00 for this service.

Credit for Military Service: Students who have served at least one year of active duty and received an honorable discharge may receive six semester hours of elective credit. To qualify for this credit, a copy of the DD214 should be presented with the application for admission.

Advanced Placement Program

Examination	Score for Credit or Exemption	Course for which Credit is Allowed	Semester Hours Awarded
American Government	5 or 4	POL 105 U.S.	3 hours
or	5 or 4	POL 106 Gen Ed.	3 hours
American History	5, 4, or 3	HIS 135, 136	6 hours
Art Studio-Drawing	5, 4, or 3	ART 104	3 hours
Art Studio-General	5, 4, or 3	ART 103	3 hours
Art History	5, 4, or 3	ART 155, 156	6 hours
Biology	5 or 4	BSC 196 and 197	8 hours
Calculus Test AB	5, 4 or 3	MAT 145	4 hours
Calculus Test BC	5, 4, or 3	MAT 145 and 146	8 hours
Chemistry	5	CHE 140, 141	8 hours
	4	CHE 140	4 hours
Comparative Politics	5 or 4	POL 141	3 hours
Computer Science Test A	5 or 4	ITK 168 or 177	4 hours
Computer Science Test AB	5, 4	ITK 168 or 177, 179 or 178	7 hours
	3	ITK 168 or 177	4 hours
English Lang-Comp	5	ENG 101, 145	6 hours
	4	ENG 101	3 hours
English Lit-Comp	5, 4	ENG 125	3 hours
Environmental Science	5, 4, or 3	HSC 156	3 hours
European History	5, 4, or 3	HIS 101 and 102	6 hours
French Language	5 or 4	FOR French 112, 115 and 116	12 hours
French Language	3	FOR French 115 and 116	8 hours
French Literature	5, 4, or 3	FOR French 220	3 hours
German Language	3	FOR German 115 and 116	8 hours
German Language	5 or 4	FOR German 112, 115 and 116	12 hours
Human Geography	5 or 4	GEO 140	3 hours
Latin	5, 4, or 3	FOR Latin 116	4 hours
Macro Economics and Micro Economics	5 or 4	ECO 105	4 hours
Music Listening and Literature	5, 4, or 3	MUS 152	3 hours
Music Theory:			
Aural Component	5 or 4	MUS 107	1 hour
Nonaural Component	5 or 4	MUS 101	2 hours
Physics Test B	5, 4, or 3	PHY 108 and 109	10 hours
Physics Test C, Part I	5, 4, or 3	PHY 110	4 hours
Physics Test C, Part II	5, 4, or 3	PHY 111	4 hours
Psychology	5 or 4	PSY 110	3 hours
Spanish Language	3	FOR Spanish 115 and 116	8 hours
Spanish Language	5 or 4	FOR Spanish 112, 115 and 116	12 hours
Spanish Literature	5, 4, or 3	FOR Spanish 233.15	3 hours
Statistics	5 or 4	MQM 100	3 hours
		ECO/GEO/POL/PSY 138	3 hours

ACADEMIC PROGRAM INFORMATION

Illinois State University offers a variety of academic majors and minors. Students select from diverse high-quality curricula that prepares them for living and working in the 21st century.

This section focuses on the academic side of university life. First, the academic degrees, listed by College, are outlined. Second, course explanations are given to clarify the different formats possible for instruction. Next, a listing of courses and programs offered on a university-wide basis for students in any major is provided. Finally, a comprehensive listing of the requirements for specific majors is provided by college, department and school. For students who wish to continue their education, the University also offers a variety of graduate programs.

UNIVERSITY-WIDE PROGRAMS

African-American Studies: (undergraduate minor)
African Studies: (undergraduate minor)
Children's Studies: (undergraduate minor)
Cognitive Science: (undergraduate minor)
Environmental Studies: (undergraduate minor)
Ethnic and Cultural Studies: (undergraduate minor)
Honors
Interdisciplinary Studies: B.A., B.S. (and undergraduate minor)
International Studies: (undergraduate minor)
Latin American, Caribbean and Latino/a Studies: (undergraduate minor)
Middle Eastern and South Asian Studies: (undergraduate minor)
Peace and Conflict Resolution Studies: (undergraduate minor)
Teacher Education
Tourism Studies: (undergraduate minor)
University Studies: B.A., B.S.
Urban Studies: (undergraduate minor)
Women's Studies: (undergraduate minor)

EXCHANGE PROGRAMS

International
National Student Exchange

DEPARTMENTAL AND SCHOOL PROGRAMS LISTED BY COLLEGE

College of Applied Science and Technology

Agribusiness: B.S., M.S.
Agriculture: B.S.
Athletic Training: B.S.
Clinical Laboratory Science: B.S.
Community Health Education: (undergraduate minor)
Computer Science: B.S.
Criminal Justice Sciences: B.A., B.S., M.A., M.S.
Environmental Health: B.S.
Environmental Health and Safety: M.S.
Exercise Science: B.S.
Family and Consumer Sciences: B.A., B.S., M. A., M.S.
Health Education: B.S., B.S. in Ed.
Health Information Management: B.S.
Industrial Technology: B.S.
Information Systems: B.S., M.S.
Kinesiology and Recreation: M.S.
Military Science: (undergraduate minor)
Physical Education: B.S., B.S. in Ed.
Recreation and Park Administration: B.S.
Safety: B.S.
School Health Education (undergraduate minor)
Technology: M.S.
Technology Education: B.S.
Telecommunications Management: B.S.
Tourism Studies: (undergraduate minor)

College of Arts and Sciences

African-American Studies: (undergraduate minor)
African Studies: (undergraduate minor)
Anthropology: B.A., B.S.
Applied Economics: M.A., M.S.
Audiology: Au.D.
Biochemistry/Molecular Biology: B.S.
Biological Sciences: B.S., M.S., Ph.D.
Chemistry: B.S., M.S.
Children's Studies (undergraduate minor)
Clinical Counseling Psychology: M.A., M.S.
Cognitive Science: (undergraduate minor)
Communication: M.A., M.S.
Communication Studies: B.A., B.S.
Comparative Literature: (undergraduate minor)
East Asian Studies: (undergraduate minor)
Economics: B.A., B.S.
English: B.A., M.A., M.S.
English Studies: Ph.D.
Environmental Studies: (undergraduate minor)
Foreign Languages: M.A. and undergraduate major in French, German, and Spanish.
Foreign Languages in the Elementary School: (undergraduate minor)
French: B.A.
Geography: B.A., B.S.
Geology: B.S.
German: B.A.
Gerontology: (undergraduate minor)
Historical Archaeology: M.A., M.S.
History: B.A., B.S., M.A., M.S.
Hydrogeology: M.S.
Instructional Media: (undergraduate minor)
Italian Studies (undergraduate minor)
Journalism, B.A., B.S.

Journalism Teacher Education: (undergraduate minor)
Latin: (undergraduate minor)
Latin American, Caribbean and Latino/a Studies: (undergraduate minor)
Middle Eastern and South Asian Studies: (under graduate minor)
Legal Studies: (undergraduate minor)
Mass Communication: B.A., B.S.
Mathematics: B.A., B.S., M.A., M.S.
Mathematics Education: Ph.D.
Peace and Conflict Resolution Studies: (undergraduate minor)
Philosophy: B.A.
Physics: B.S.
Political Science: B.A., B.S., M.A., M.S.
Psychology: B.A., B.S., M.A., M.S.
Public Relations: B.A., B.S.
Religious Studies: (undergraduate minor)
School Psychology: S.S.P., Ph. D.
Social Sciences Education: B.A., B.S.
Social Work: B.S.W., M.S.W.
Sociology: B.A., B.S., M.A., M.S.
Spanish: B.A.
Speech Pathology and Audiology: B.S. , M.A., M.S.
Teaching English to Speakers of Other Languages: (undergraduate minor)
Tourism Studies: (undergraduate minor)
Urban Studies: (undergraduate minor)
Women's Studies: (undergraduate minor)
Writing: M.A., M.S., and (undergraduate minor)

College of Business

Accountancy: B.S., M.S., Integrated B.S./M.P.A.
Business Administration: B.S., M.B.A.
Business Information Systems, B.S.
Business Teacher Education: B.A., B.S., B.S. in Ed.
Finance: B.S.
Insurance: B.S.
International Business: B.A., B.S.
Management: B.S.
Marketing: B.S.
Organizational Leadership: (undergraduate minor)

College of Education

Curriculum and Instruction: M.S., M.S.Ed., Ed.D
Early Childhood Education: B.S., B.S. in Ed.
Educational Administration: M.S., M.S. Ed., Ed.D., Ph.D.
Elementary Education: B.S., B.S. in Ed.
Instructional Technology and Design: M.S.
Middle Level Teacher Education: B.S., B.S. in Ed.
Reading: M.S.Ed. and (undergraduate minor)
Special Education: B.S., B.S.Ed., M.S., M.S.Ed., Ed.D.

College of Fine Arts

Art: B.A., B.S., B.F.A, M.A., M.S., M.F.A.
Arts Technology: B.A., B.S., M.S.
Cinema Studies: (undergraduate minor)
Dance: (undergraduate minor)
Music: B.A., B.S., M.M., M.M.Ed.
Music Education: B.M.E.
Music Performance: B.M.
Theatre: B.A., B.S., M.A., M.S., M.F.A.

Mennonite College of Nursing

Nursing: B.S.N., M.S.N.
Post Master's Family Nurse Practitioner Certification

Program and Course Explanations

UNITS OF INSTRUCTION

Major: A cohesive combination of courses, including introductory, intermediate, and advanced course work that designates a student's primary area of specialization. Majors are designated on University transcripts.

Minor: A combination of courses designed to provide a cohesive introduction to an area of study beyond the student's major. Minors are designated on university transcripts.

Sequence: A subdivision of a major in which there are specific requirements. Sequences of the same major generally share a common core within a major. Sequences are designated on university transcripts.

Concentration: A subdivision of a major without specific requirements that is provided for advisement only. Concentrations are not designated on university transcripts. All informal curricular recommendations made by departments and schools (such as emphases, tracks, areas of study, specializations, etc.) should be considered concentrations. Concentrations are advisory only; no approval process is required.

COURSE OFFERINGS

Contract: Contract educational services, programs and courses are delivered through mutual contract to a business site for a specific cohort or business entity.

Extension courses: Typically taught in traditional formats by Illinois State faculty members at approved off-campus sites throughout the state.

Independent Study: Intensive study in a special area of the student's interest under the direction of a qualified member of the faculty. Each individual investigation is to culminate in a comprehensive written report and/or examination and/or artistic project. A maximum of 6 semester hours may be applied toward graduation.

Institute: Federal- and state-sponsored (or similar) short-term programs requiring treatment

of subject matter of a special nature, often for special groups. Institutes are designated by the number 397.

Internet courses: Makes use of Illinois State's connection to the World Wide Web and other electronic resources. These courses may utilize on-line materials, courseware, and discussion groups, and may be delivered in any asynchronous mode.

Professional Practice: Professional Practice consists of one or more credit-generating, academic/career related, salaried or non-salaried work experiences. Professional Practice work sites are located on the Illinois State University campus and with business, industry, government, and other agencies and organizations outside the University. Professional Practice courses are designated by the numbers 198, 298, 398, 498, and 598.

Seminar: A regular meeting of students, under the guidance of a faculty member, in which each conducts research and exchanges information, problems, and results through informal lectures, reports, and discussion.

Temporary Course: Temporary courses are approved by the curricular committees for a time period not to exceed three years. Temporary courses often are used to experiment with a new curricular design, to take advantage of the skills of a faculty member who will be at the University for a limited period, or to respond to particular interests of students. Temporary courses are designated by the numbers 189, 289, 389, 489, and 589.

Topics Course: An organization of subject matter and related learning experiences composed of identifiable subdivisions of topics. Each topic is of sufficient significance to be treated separately as a unit of instruction for an entire semester or term. The content of the course varies by semester.

Workshop: Intensive and applied work on special problems in one or more subject areas. Workshop opportunities are provided on special problems not covered in any regular University courses. Workshops are designated by the numbers 193, 293, 393, 429, and 493.

COURSE INFORMATION

The University operates on the semester plan. The credit value of all courses is stated in terms of semester hours. Ordinarily, a semester hour is assigned for a 50-minute class meeting per week for the semester; therefore, a course valued at three semester hours generally meets three periods weekly. In laboratory courses, at least two 50-minute periods per week are ordinarily required for each semester hour of credit.

Course Availability: Some courses listed in the *Undergraduate Catalog* may not be available each year. Students should consult the iCampus Portal at www.icampus.ilstu.edu for class availability. Questions concerning scheduling of courses should be referred to the department chairperson or school director.

COURSE NUMBERING

Each course bears a distinguishing number for identification and indication of its academic level. The numbering system is as follows:

100-199 Lower-division undergraduate courses, primarily for freshmen and sophomores.

200-299 Upper-division undergraduate courses, primarily for juniors and seniors. A student normally should have completed at least 45 semester hours before enrolling in a course at this level.

300-399 Advanced undergraduate courses. Open to juniors, seniors, and sometimes graduate students. A student normally should have completed at least 75 semester hours before enrolling in a course at this level.

400-499 Graduate courses. See the *Graduate Catalog*. Courses at this level are for graduate students. In exceptional instances, a senior may receive permission to enroll for undergraduate credit in a course at this level. Seniors may be permitted to begin graduate work if they meet the conditions of the Senior in Good Standing Policy as described in the *Graduate Catalog*.

500-599 Courses limited to advanced graduate or doctoral students.

COURSE DESCRIPTIONS

The following information is given for each course: course number (three or five digits preceding the title); course title; credit value in semester hours; and F for fall and S for spring to indicate the semester for which a course is planned as an offering during the current academic year. The University, however, may cancel or add scheduled course offerings after publication of this *Undergraduate Catalog* depending upon the adequacy of enrollment and availability of faculty. Following the above information, any prerequisites, restrictions on enrollment, and any special considerations are noted in italics. A course prerequisite is knowledge or experience a student is required (req) or recommended (rec) to have prior to enrolling in a course.

Sample Course Listing:

102 MUSIC THEORY **2** **S**
MUS 101 or cons Theory Coord req.
Continuation of common practice syntax; emphasis on formal analysis and composition of common practice idioms.

The course number, "102," indicates that the course is primarily for freshmen and sophomores. The digit "2," following the title, indicates the credit value in semester hours. "S" indicates that the course is to be offered during the spring semester. The italicized lines under the course title indicate the required background for enrolling in the course. In the example given, a student must have passed Music 101 or have consent of the Coordinator of Music Theory prior to enrollment in 102. Course title revisions or a change in the course number are indicated by a "formerly" statement. A brief description of the course is provided in the paragraph following the prerequisites. Additional information about the course is available in the particular departmental office.

DEPARTMENTAL ABBREVIATIONS

The following abbreviations for departmental and school offerings are used both in the program requirement descriptions and in the course descriptions throughout the *Undergraduate Catalog*. They are also identical with those used in the *Course Registration Directory* on iCampus.

ACC	Accounting
AGR	Agriculture
ANT	Anthropology
ART	Art
BSC	Biological Sciences
BTE	Business Teacher Education
BUS	Business Core
CHE	Chemistry
COM	Communication
CJS	Criminal Justice Sciences
C&I	Curriculum and Instruction
ECO	Economics
EAF	Educational Administration and Foundations
ENG	English
FCS	Family and Consumer Sciences
FIL	Finance, Insurance, and Law
FOR	Foreign Languages
GEO	Geography-Geology
HIS	History
HSC	Health Sciences
IDS	Interdisciplinary Studies
INB	International Business
ITK	Information Technology
KNR	Kinesiology and Recreation
MAT	Mathematics
MKT	Marketing
MQM	Management and Quantitative Methods
MSC	Military Science
MUS	Music
NUR	Nursing
PAS	Speech Pathology and Audiology
PHI	Philosophy
PHY	Physics
POL	Politics and Government
PSY	Psychology
SED	Special Education
SOC	Sociology
SWK	Social Work
TEC	Technology
THE	Theatre
WS	Women's Studies

COURSE INFORMATION AND ABBREVIATIONS

Also offered as (cross-listed course) means that the specified courses are identical and are thus considered interchangeable in meeting all requirements. Credit can only be earned in one of the specified courses.

Conc reg req (or rec) means that concurrent registration in two courses is required (or recommended).

Cons dept chair means consent of the chairperson of the department offering the course.

Cons inst means consent of the instructor.

Cons sch dir means consent of the director of the school offering the course.

Formerly Offered As indicates a course previously offered under a different number or title. The course is interchangeable with the previous course number or title.

Incl Clin Exp indicates that certain Clinical Experiences in the student's field are required in the course.

Materials charge optional indicates an optional fee charge for course materials.

May be repeated indicates that a course may be taken for credit more than once if different content is planned; however, there may be a maximum amount of credit specified for the course.

Not for cr if had (course) means that content overlap exists between the specified courses and that students should not be able to count both toward graduation. Such courses are not, however, considered interchangeable in meeting all requirements.

Not for cr maj/min means that the credit from this course may not be applied to the major or minor program requirements.

Variable credit courses are those courses leading to differing number of hours. A student should plan with the advisor the number of hours to be sought.

DEGREE REQUIREMENTS

GENERAL REQUIREMENTS FOR GRADUATION

The following graduation requirements apply to all students. Meeting graduation requirements is the individual responsibility of each student. The student and advisor should check the student's program of courses frequently to ensure that the student is fulfilling the following graduation requirements (all references to hours indicate semester credit hours).

A. **Total Hours:** The actual hour requirement for an undergraduate degree varies by the program or combination of programs that a student elects. A student must have a minimum of 120 hours of credit acceptable toward graduation. Some courses may not count toward graduation. These restrictions are noted in the course descriptions. Some curricula or combinations of fields require additional hours. If all specified requirements are completed with fewer than 120 hours, a student must elect sufficient additional course work to total at least 120 hours.

B. **Specific B.A./B.S. Requirements:** There are a variety of baccalaureate degrees. Students graduating from B.A. or B.S. degree programs must meet specific requirements beyond major and other graduation requirements. A student pursuing the B.A. degree will acquire knowledge of a foreign language as demonstrated by successful completion of FOR 115 (or equivalent). A student pursuing the B.S. degree will complete a three-hour natural science, mathematics, statistics, or technology (SMT) course beyond General Education requirements. (See Degree Programs.)

NOTE: All graduates of the College of Arts and Sciences must satisfy a foreign language requirement that may be met by: 3 years of one foreign language in high school or completion of the second semester or higher of college-level foreign language with a grade of C or better or equivalent proficiency as determined by examination. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

C. **General Education:** There are three ways to complete General Education requirements at Illinois State University. The first way is to complete Illinois State's General Education Program. The second way is to complete the Illinois Transferable General Education Core Curriculum available through the Illinois Articulation Initiative (IAI). This program, designed for transfer students, is a statewide agreement between participating colleges and universities and some private schools that is designed to facilitate timely degree completion. The third way is to complete a baccalaureate-oriented Associates Degree (A.A. or A.S.) from a regionally accredited post secondary institution. The holder of an A.A. or A.S. degree is admitted to Illinois State University with junior standing and all General Education requirements completed. (see Degree Programs)

D. **Major-Minor Options:** Each candidate for B.S. or B.A. degrees must complete a major field of study. Completion of a second major, a minor, or a second minor is optional unless specified by the student's major. A teacher education student who is a candidate for a B.S., B.A., B.S. in Ed., or B.M.E. degree must complete professional education requirements and a major approved for teacher education. Some teacher education programs require the completion of requirements for a second teaching field. A student may count no more than nine hours from a major toward a minor within the same department or school. This policy applies to both first and second majors and minors.

E. **Senior College Hours:** The senior college hours (courses numbered 200 or above) must total at least 42 hours. Coursework transferred from other colleges and universities is not counted as senior college credit if freshmen and sophomores are regularly permitted to enroll in such work. No credit from two-year colleges may be counted as senior level.

F. **Grade Point Average:** The grade point average for all courses taken at Illinois State University must be 2.00 (C) or higher. In addition, the student must have a grade point average of 2.00 (C) (or higher as required by certain programs) in the courses required in the major, and the minor if the student has a minor.

G. **Removal of Incompletes:** A student may not graduate with incomplete grades. Each Incomplete grade (I) must be removed at least

six weeks before December or May commencement, or two weeks before August graduation, if the course is to be used in meeting graduation requirements.

H. **Residence Requirements:** Unless otherwise specified in a specific program, at least 30 of the last 60 hours completed toward the baccalaureate degree must be earned at Illinois State.

I. **Constitution Examination:** Each student must pass an examination on the Constitution of the United States, the Constitution of the State of Illinois, and the proper use of the American flag. The examination is given on different dates throughout the year. A student may meet this requirement by successful completion of Politics and Government 105 or any course in the Middle Core: Individuals and Civic Life of the General Education Program at Illinois State University. A student who transfers in a course equivalent to POL 105 from an accredited college or university in Illinois will be considered to have met both the Constitution of the United States and the State of Illinois test requirements. A student who transfers in a course equivalent to POL 105 from a United States institution outside of Illinois will be considered as having met only the examination on the Constitution of the United States. That student may meet the the Illinois Constitution requirement by passing the examination or completing POL 221 at Illinois State, by transferring the equivalent of POL 221 from another accredited Illinois college or university, or by presenting certification of having passed an appropriate examination on the Constitution of the State of Illinois at another accredited Illinois college or university.

J. **University Writing Examination:** Each student must demonstrate writing competence by passing the University Writing Examination. The examination should be taken after the completion of 45 semester hours and before the completion of 75 semester hours. At least 15 semester hours must have been completed since the satisfaction of the freshman English requirement. Transfer students with more than 75 semester hours should take the examination before the end of their first term at Illinois State University. A fee will be charged to cover the cost of the examination. In order to take the examination, students must register for English 189.99. Students will be enrolled for the limited number of examination seats available each semester on a first-come, first-served basis. To avoid delaying their graduation, students are strongly advised to register for the examination as soon as they become eligible.

K. **Global Studies Requirement:** Every student graduating from Illinois State University must have successfully completed a course designated as a course in the cultures and traditions of societies or peoples from Asia, the Middle East, Africa, Latin America, or Indigenous Peoples of the World. Such designations are located in course descriptions.

L. **Professional Practice and Independent Study**: A student may count no more than 16 hours of professional practice courses (198, 298, 398) toward graduation. Some programs allow fewer than 16 hours. A student may count no more than 6 hours of independent study (287) credit toward graduation.

Baccalaureate Degree Programs

Undergraduate degrees available at Illinois State University include the Bachelor of Arts, Bachelor of Science, Bachelor of Science in Education, Bachelor of Science in Nursing, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Music Education and Bachelor of Social Work degrees. When applying for graduation, the student indicates the specific degree which he or she is qualified to receive. Other requirements are specified for each degree below.

Statement of Purpose for the Bachelor of Arts (B.A.) Degree: The Bachelor of Arts degree provides for the acquisition of written and oral communication skills, creative thinking, abilities in the critical analysis of texts, the understanding of cultures, and a working knowledge of social, political, and historical contexts. The degree is typically pursued by those students whose academic emphasis in their major area of study is directed toward the humanities, arts, and selected areas of the social sciences disciplines.

Statement of Requirements for the Bachelor of Arts (B.A.) Degree: General Education requirements, general requirements for graduation, and knowledge of a foreign language as demonstrated by successful completion of FOR 115 (or the equivalent). A student seeking a B.A. degree takes Foreign Languages 115 in place of Middle Core Quantitative Reasoning.

NOTE: All graduates of the College of Arts and Sciences must satisfy a foreign language requirement that may be met by: 3 years of one foreign language in high school or completion of the second semester or higher of college-level foreign language with a grade of C or better or equivalent proficiency as determined by examination. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

Statement of Purpose for the Bachelor of Science (B.S.) Degree: The Bachelor of Science degree provides for the acquisition of oral and written communication skills and the acquisition of analytical skills for examining and solving problems. The degree is typically pursued by those students whose academic emphasis in their major area of study is directed towards the natural sciences, mathematics, statistics or a technological field.

Statement of Requirements for the Bachelor of Science (B.S.) Degree: General Education requirements, general requirements for graduation, and increased knowledge of the natural sciences, mathematics, statistics, and/or technology. This knowledge is demonstrated by the successful completion of a three-hour course, beyond those required for General Education, selected from an approved list of courses that involve natural sciences, mathematics, statistics, and technology (SMT).

Statement of Purpose for the Bachelor of Science in Education (B.S. in Ed.) Degree: The Bachelor of Science in Education degree encourages acquisition of communication skills, development of analytical skills for examining and solving problems, and the understanding of cultures with special emphasis on application to the art and science of teaching. The degree is typically pursued by students interested in the teaching profession.

Statement of Requirements for the Bachelor of Science in Education (B.S. in Ed.) Degree: General Education requirements, general requirements for graduation, and increased knowledge and skills related to professional standards established by the National Council for the Accreditation of Teacher Education (NCATE) through the successful completion of professional education requirements and approved teacher education major requirements.

Statement of Purpose for the Bachelor of Science in Nursing (B.S.N.) Degree: The Bachelor of Science in Nursing degree provides graduates with knowledge and skills in communication, critical thinking for analyzing and solving problems, and an understanding of the societal changes that impact health care. Courses from the humanities, psychology, physical and social sciences, as well as the use of technology, provide a foundation for scientific inquiry and application of nursing knowledge and theories to diverse populations and settings.

Statement of Requirements for the Bachelor of Science in Nursing (B.S.N.) Degree: General Education requirements, general requirements for graduation, and nursing field of study requirements.

Statement of Purpose for the Bachelor of Fine Arts (B.F.A.) Degree: The Bachelor of Fine Arts degree encourages the acquisition and display of talent in the arts, with special emphasis on aesthetic performance and understanding. The degree is typically pursued by individuals interested in the creative and fine arts.

Statement of Requirements for the Bachelor of Fine Arts (B.F.A.) Degree: General Education requirements, general requirements for graduation, and art field of study requirements for B.F.A. degree.

Statement of Purpose for the Bachelor of Music (B.M.) Degree: The Bachelor of Music degree encourages the acquisition and display of talent in music, with special emphasis on aesthetic performance and understanding. This degree is typically pursued by individuals interested in music performance.

Statement of Requirements for the Bachelor of Music (B.M.) Degree: General Education requirements, general requirements for graduation and music field of study requirements for B.M. degree.

Statement of Purpose for the Bachelor of Music Education (B.M.E.) Degree: The Bachelor of Music Education degree encourages the acquisition and display of talent in music, with the special emphasis on teaching music. This degree is typically pursued by individuals interested in becoming music teachers.

Statement of Requirements for the Bachelor of Music Education (B.M.E.) Degree: General Education requirements, general requirements for graduation, music field of study requirements for B.M.E. degree and professional education requirements.

Statement of Purpose for the Bachelor of Social Work (B.S.W.) Degree: The B.S.W. encourages acquisition of communication skills, development of analytical skills for examining and solving problems; and the understanding of social, cultural and legal structures with special emphasis on application to the profession of social work. The degree is pursued by all undergraduates in the School of Social Work and is recognized as the first professional degree in the field that prepares undergraduate students for beginning generalist social work practice.

Statement of Requirements for the Bachelor of Social Work (B.S.W.) Degree: General Education requirements, general requirements for graduation, and Social Work major requirements.

Bachelor of Science Graduation Requirement in Science, Mathematics and Technology:

Students with a B.S. degree must have one additional science, mathematics, statistics, and/or technology course (beyond the General Education requirements) which must meet three criteria: (a) courses must be three semester hours or greater; (b) courses must list specific prerequisites from inner core courses in mathematics and/or science, approved natural science alternative courses, or middle core courses in the quantitative reasoning category; and (c) course content must be mathematical, scientific, and/or technological, and must constitute a significant extension of the inner or middle core courses that count as prerequisites.

The courses on the following list meet the graduation requirement for Science, Mathematics and Technology.

AGR 157 Soil Science
AGR 203 Agriculture and the Environment
AGR 271 Foods of Animal Origin
AGR 282 Livestock Health and Diseases
AGR 315 Financial Management and Analysis of the Agribusiness Firm
AGR 363 Agricultural Experimentation
BSC 145 Human Biology
BSC 160 Microbiology and Society
BSC 170 Genetics and Society
BSC 201 Ecology
BSC 202 Human Ecology
BSC 211 Economic Botany
BSC 219 Genetics
BSC 222 Plant Diversity
BSC 223 Ecology and Identification of Plants
BSC 292 Invertebrate Zoology
BSC 295 Comparative Vertebrate Anatomy
CHE 141 General Chemistry II
CHE 204 Chemistry of Life
CHE 220 Elementary Organic Chemistry
CHE 230/231 Organic Chemistry I
CHE 280 Environmental Chemistry
ECO 138 Economic Reasoning Using Statistics
ECO 238 Using Econometrics
FIL 240 Business Finance
GEO 138 Quantitative Reasoning in the Geosciences
GEO 202 Evolution of the Earth
GEO 207 Natural Disasters
GEO 209 Essentials of Ocean Science
GEO 211 Earth's Dynamic Weather
GEO 280 Mineralogy
ITK 115 Reasoning About Complex Systems
ITK 165 Computer Programming for Scientists
KNR 282 Biomechanics of Human Movement
MAT 121 Applied Calculus
MAT 146 Calculus II
MAT 147 Calculus III
MAT 160 Elementary Discrete Mathematics
MAT/POL 162 Conflict, Cooperation, and Strategic Decision-Making
MAT 175 Elementary Linear Algebra
MQM 100 Statistical Reasoning
MQM 227 Operations Management
PHI 112 Language, Logic, and Mathematics
PHY 109 College Physics II
PHY 111 Physics for Scientists and Engineering II
PHY 117 Numerical Reasoning in Nature and Technology
PHY 205 Origin of the Universe
PHY 206 Chaos and Complexity
PHY 207 Energy and Society
POL 138 Quantitative Reasoning in Political Science
POL/MAT 162 Conflict, Cooperation, and Strategic Decision-Making
PSY138 Reasoning in Psychology Using Statistics
PSY 340 Statistics for the Social Sciences
SOC 275 Social Statistics
TEC 111 Fundamentals of Power Technology
TEC 143 Introduction to Electronics For Data Communication
TEC 313 Quality Systems for Technology

Global Studies Graduation Requirement:

Students must have completed at least one course in Global Studies (that is, cultures and traditions of Asia, the Middle East, Africa, Latin America or Indigenous Peoples of the World), which must meet the following criteria: (a) the course focuses primarily upon facets of specific cultures from these regions or these cultures in general (a minimum of 75% of the course content must deal directly with the culture(s) from these regions); (b) exploration of the culture(s) is developed in a comparative perspective which helps the student understand and appreciate differences between culture(s) under consideration and American culture; and (c) the course includes exposure to primary writings and artifacts from the culture(s).

The courses on the following list meet the graduation requirement for Global Studies.

ANT 185 Cultures of the World*
ANT 270 Cross Cultural Perspective of Women, Sex Roles, and Gender
ANT 279 Magic, Witchcraft, and Religion
ANT 283 North American Archaeology
ART 140 Introduction to the Arts of the Americas, Africa, and the South Pacific
ART 275 World Arts: Visual Arts*
CJS 369 World Criminal Justice Systems
ENG/FOR 206 Cultural Expressions in Social Contexts: Women of Asia, Latin America and Africa*

FOR 244 Civilizacion Hispanoamericana
GEO 135 World Geography*
GEO 140 Human Geography
GEO 150 Economic Geography
GEO 235 Geography of Emerging Areas*
HIS 104 History of Asia, Middle East, Africa, Latin America, or Indigenous Peoples*
HIS 125 History of East Asian Civilizations
HIS 127 History of Latin America
HIS 128 Introduction to African History
HIS 263 Modern Mexico
HIS 265 African Civilization
HIS 266 Modern Africa
HIS 275 History of Japanese Civilization
IDS 203 Nations and Narrations*
MUS 153 Black Music I*
MUS 154 Black Music II*
MUS 275 World Arts: Music*
PHI 207 Indian Philosophy
PHI 208 Buddhist Philosophy
POL 140 Introduction to the Politics of Africa, Asia, and Latin America*
POL 151 Introduction to International Relations
POL 240 Latin American Politics
POL 245 Asian Politics
POL 246 African Politics
POL 247 Middle Eastern Politics
POL 345 Topics in Asian Politics
POL 349 Topics in Middle East Politics
THE 275.01 World Arts: Theatre*
THE 275.02 World Arts: Film*

*Global Studies courses approved for Outer Core.

GRADUATION PROCEDURES

Application for Graduation: During the early part of his or her senior year, the student must submit an Application for Bachelor's Degree to the Office of Undergraduate Evaluations. Each student should apply for graduation on or before the date specified in the University Calendar. The student pays a $25 graduation fee when applying for graduation, unless the fee is covered by a state scholarship.

Academic Progress Summary: The Academic Progress Summary (APS) is an assessment of the undergraduate student's academic progress toward completion of requirements for the bachelor's degree. This summary may be requested by the student at the Student Service and Referral Center, 107 Moulton Hall, Campus Box 2202.

For those programs requiring special audit considerations, a senior evaluation will be prepared after the student has submitted the Application for Bachelor's Degree.

To determine specific program requirements (in addition to the general requirements for graduation stated above), students should consult the following sections of the *Undergraduate Catalog*: (1) the General Education requirements; (2) the specific requirements for the major and minor fields of study; and, if the student seeks teacher certification, (3) the University-wide Teacher Education program requirements in the *Undergraduate Catalog.*

Commencement: Degrees are conferred and diplomas awarded after the close of each semester and the summer session. Commencement exercises are held in December and May at the end of the semester. Undergraduate students completing degree requirements during the fall semester participate in Commencement exercises in December; students completing degree requirements during the spring semester or at the close of the summer session following May Commencement may participate in Commencement exercises in May. Undergraduate students who are eligible to graduate and want to walk across the stage in their commencement ceremony must check YES on the Undergraduate Application for Graduation and return it by the published deadline. An application must be on file and the graduation fee paid by the deadline to participate in the commencement ceremony.

For more information regarding Commencement, please visit the Graduation Services Web site at www.graduationservices.ilstu.edu.

Degrees with Distinction: A student must have completed at least 50 semester hours at Illinois State University to be eligible for a degree with distinction. Students who have an accumulated GPA of 3.90 through 4.00 are graduated summa cum laude; those with a GPA of 3.80 through 3.89 are graduated magna cum laude; and those with a GPA of 3.65 through 3.79 are graduated cum laude.

Students' ability to be recognized at commencement ceremonies is based on the cumulative GPA calculated during the semester prior to commencement. Transcript notations of graduating cum laude, magna cum laude, and summa cum laude are based on the total GPA, including the final semester prior to graduation.

Students who qualify for degrees with distinction wear a neck cord as part of their academic gown at Commencement, their names appear in the Commencement program as being awarded degrees with distinction, and they are acknowledged at graduation.



GENERAL EDUCATION

General Education Requirements

General Education provides students with a broad, common foundation of study upon which to build an undergraduate education. The program develops skills of oral and written communication, logical and scientific reasoning, computer usage, and quantitative analysis. Courses in general education explore ways of knowing in the various disciplines through examination of significant historical, social, cultural, and scientific issues. Students will take most General Education courses during their freshman and sophomore years, along with some courses in their major or other elective courses.

GENERAL EDUCATION REQUIREMENT OPTIONS

There are three ways to complete general education requirements for Illinois State. These three General Education programs have different requirements and affect only certain types of students.

I. The first way is to complete Illinois State University's General Education Program. The General Education Program requires 14 courses (42 semester hours) within a structured three-tiered system, explained fully in the section, **General Education Program-Illinois State University.**

The following categories of students must complete the Illinois State University General Education Program requirements:

1. Beginning Freshmen (see Admissions section of this catalog for complete definition).
2. Students who were admitted as beginning freshmen at Illinois State University, who were readmitted and who have not completed a baccalaureate-oriented associates degree (A.A. or A.S.) from an Illinois public community college and are not eligible for an earlier catalog.
3. Transfer Students who have not completed a baccalaureate-oriented associates degree (A.A. or A.S.) from a regionally accredited post secondary institution and who are not eligible to complete the Illinois Transferable General Education core curriculum described below.

II. The second way is to complete the Illinois Transferable General Education Core Curriculum available through the Illinois Articulation Initiative (IAI). This program is a statewide agreement between participating public colleges and universities and some private schools that is designed to facilitate timely degree completion for students who transfer between institutions. The Illinois Transferable General Education Core Curriculum structure consists of 12 to 13 courses (37 to 41 semester credits) distributed among five subject areas. Completion of these courses at any participating institution satisfies general education requirements. The IAI Transferable Core is presented in the section entitled **General Education - Illinois Articulation Initiative (IAI)**. (More information about this system and participating institutions can be found at the following Web site address: www.iTransfer.org.)

The following category of students may complete the Illinois Transferable General Education Core Curriculum:

1. Transfer students (See Admissions section of this catalog for a complete description) who began the Illinois Transferable General Education Core Curriculum at a participating IAI institution and transferred to Illinois State may choose to complete the program by enrolling in Illinois State approved IAI courses presented in the section entitled Illinois Articulation Initiative Courses at Illinois State. Transfer students should note, however, that IAI course availability is quite limited.
2. Transfer students who have completed at least one transfer course that is articulated to an IAI core requirement.
3. Students who have completed the Illinois Transferable General Education Core Curriculum at a participating IAI institution are considered to have met Illinois State University's General Education requirement.

III. There is also a third way in which general education requirements can be met.

Students who transfer with a completed baccalaureate-oriented associates degree (A.A. or A.S.) from a regionally accredited post secondary institution are considered to have satisfied Illinois State University's General Education Program requirements.

Any transfer student may choose to complete Illinois State University's General Education Program.

Illinois State University offers several study abroad programs that feature a wide variety of general education classes. Interested students should contact their academic advisor or the Office of International Studies and Programs.

General Education Program—Illinois State University

The General Education Program at Illinois State University is an integrated set of courses that focuses on the development of communication and problem-solving skills and abilities, such as persuasion, listening, argumentation; logical and quantitative thinking, and understanding varying perspectives on issues. These skills and abilities provide an essential grounding for work in the student's major.

The premise of the General Education Program is that education should be a developmental process and not simply an assimilation of a prescribed set of facts. The program's overall structure is designed to ensure that developmental objectives are achieved through the coherent and sequential interrelationship of courses. Inner Core courses provide basic knowledge and skills upon which Middle Core courses build, and those courses in turn prepare students for courses in the Outer Core.

The complete General Education Program consists of 14 courses (42 semester hours), which is approximately one-third of the total credits required for graduation.

Because of laboratory or recitation requirements, some courses are listed as four credit hours in this catalog. All four hours will be credited as graduation requirements, but only three hours will be credited in General Education for these courses.

Students will take most General Education courses during their freshman and sophomore years, along with some courses in their major or other elective courses. While some specific courses are important to take as part of preparation for a major (such as certain mathematics or science courses), the choices of which course to take in each category are decisions for *students* to make. Students are encouraged to choose courses that will give them the broadest possible general education and to explore and challenge themselves through their course choices.

The Illinois State University General Education Program consists of a 14-course requirement outlined as the following:

Inner Core (5 courses):

— a 2-course, first-year sequence integrating composition, communication, critical thinking, and information literacy;
— 1 course chosen from the inner-core mathematics category; and
— 2 courses chosen from a four-course natural science category or an alternative science course required by certain majors.

Middle Core (5 course categories):

— 5 courses, one chosen from each course category.

Outer Core (4 courses; one each of four disciplines):

— 4 courses, one chosen from each category. Most students not taking a course in their major or minor that satisfies the Global Studies graduation requirement will also take one Outer-Core course whose content focuses on the cultures of Asia, the Middle-East, Africa, Latin America, or the indigenous peoples of the world (See Global Studies requirement).

Students must comply with the following requirements:

— Complete the General Education Program through completion of at least 14 courses (42 semester hours), as designated in the program description.

— Students may count one General Education Middle- or Outer-Core course from their first major department or school toward the total of 14 courses. Additionally, depending on their major, students may be exempted from one General Education category (maximum of one course) because of disciplinary expertise gained in their major listed below:

General Education Category Exemptions by College and Major Program:

College of Applied Science and Technology

AGR	All major programs	MC-QR
CJS	All major programs	OC-SS
FCS	All major programs	MC-IS
HSC	Clinical Laboratory Science	OC-SMT
	Environmental Health	MC-QR
	Health Education *(students must pass Constitution Examination)*	MC-ICL
	Health Information Management	OC-SMT
	Safety	OC-SMT
ITK	All major programs	OC-SMT
KNR	All major programs	OC-SMT
TEC	Industrial Technology	OC-SMT
	Construction Management	OC-SS
	Graphic Communications	OC-SMT
	Industrial Computer Systems	OC-SMT
	Integrated Manufacturing	OC-SMT
	Technology Education	OC-SS

College of Arts and Sciences

ANT	All major programs	None
BMB	All major programs	OC-SMT
BSC	All major programs	OC-SMT
CHE	All major programs	OC-SMT
COM	All major programs	MC-QR
ECO	All major programs	MC-QR
ENG	All major programs	MC-LH
FOR	French	None
	French Teacher Certification Program only	OC-H
	German all sequences	OC-H
	Spanish all sequences	OC-H
GEO	Geography	OC-SS
	Geology	OC-SMT
HIS	All major programs	MC-UST
MAT	All major programs	OC-SMT
PHI	All major programs	OC-H
PHY	All major programs	OC-SMT
POL	All major programs *(students must pass Constitution Examination)*	MC-ICL
PSY	All major programs	MC-IS
SWK	(B.S.W.)	None
Social Science Education		MC-UST
SOC		None
PAS		OC-SMT

College of Business

	All major programs	MC-IS

College of Education

	All major programs	OC-SS

College of Fine Arts

	All major programs	OC-FA

Mennonite College of Nursing

NUR	All major programs	IC-NS (one course only)

— No Inner Core or Middle Core course in the General Education Program may be taken under the CT/NC option.

General Education Course Requirements

INNER CORE GENERAL INFORMATION

A total of five courses are required in the Inner Core. Students take either ENG 101, Composition and Critical Inquiry, or COM 110, Communication and Critical Inquiry, the first semester of their freshman year. A year-long sequence, these courses integrate critical thinking and information literacy skills.The mathematics and natural science requirements are to be completed during the freshman year, or as early as possible in the first two years.

Inner Core Course Listing

(2 courses required) [IC]

ENG 101	Composition and Critical Inquiry
COM 110	Communication and Critical Inquiry

Mathematics (1 course required) [IC-M]

MAT 113	Elements of Mathematical Reasoning
MAT 120	Finite Mathematics
MAT 130	Dimensions of Mathematical Problem-Solving
MAT 145	Calculus I

Natural Sciences (2 courses required) [IC-NS]

BSC 101	Fundamental Concepts in Biology
CHE 102	Chemistry and Society
GEO 102	Principles of Geology
PHY 102	Atoms to Galaxies

Students must complete at least one course from two different sciences. *Certain majors require one of the following Natural Sciences Alternative courses that substitute for the courses above. See individual major requirements.*

Natural Science Alternatives [IC-NSA]

BSC 196	Biological Diversity
BSC 197	Molecular and Cellular Basis of Life
CHE 110/112	Fundamentals of Chemistry and Laboratory
CHE 140	General Chemistry I
PHY 105	Fundamentals of Physics
PHY 108	College Physics I
PHY 110	Physics for Science and Engineering I

MIDDLE CORE GENERAL INFORMATION

These courses provide opportunities for the continued development of academic skills applied to a range of topics and involving a variety of disciplinary perspectives. There are five course categories in the Middle Core:

Quantitative Reasoning (MC-QR)
Language in the Humanities (MC-LH)
United States Traditions (MC-UST)
Individuals and Civic Life (MC-ICL)
Individuals and Societies (MC-IS)

A total of five courses are required in the Middle Core. Students complete one course from each of the five categories except for students pursuing a B.A. degree who substitute Foreign Languages 115 or higher for Quantitative Reasoning.

Middle Core Course Listing

Quantitative Reasoning (1 course required) [MC-QR]

Students pursuing a B.A. degree must complete the equivalent of Foreign Language 115 or higher rather than one of these courses.

ECO 138	Economic Reasoning Using Statistics
GEO 138	Quantitative Reasoning in the Geosciences
ITK 115	Reasoning About Complex Systems
MAT 121	Applied Calculus
MAT 131	Geometric Reasoning: Geometry As Earth Measures
MAT 146	Calculus II
MAT 150	Fundamentals of Statistical Reasoning
MAT/POL 162	Conflict, Cooperation, and Strategic Decision-Making
MQM 100	Statistical Reasoning
PHI 112	Language, Logic and Mathematics
PHY 117	Numerical Reasoning in Nature and Technology
POL 138	Quantitative Reasoning in Political Science
PSY 138	Reasoning in Psychology Using Statistics

Language in the Humanities (1 course required) [MC-LH]

COM/ENG/ FOR128	Gender in the Humanities
ENG/FOR 125	Literary Narrative
FOR 116.01	Second Year Italian (Part II)
FOR 116.12	Second Year French (Part II)
FOR 116.13	Second Year German (Part II)
FOR 116.14	Second Year Latin (Part II)
FOR 116.15	Second Year Spanish (Part II)
FOR 116.18	Second Year Japanese (Part II)
FOR 120.15	Introduction to Academic Spanish For Spanish Speakers
IDS 121	Texts and Contexts
IDS 254	Religions and Cultures

United States Traditions (1 course required) [MC-UST]

ENG/HIS 131	American Culture: Traditions and Texts
FCS/HIS/ SOC112	American Family: Change and Diversity
HIS/SOC 111	American Diversity: Contested Visions of U.S. Experience
SOC 109	Introduction to U.S. Latina/o Studies

Individuals and Civic Life (1 course required) [MC-ICL]

CJS 102	Individuals, Society, and Justice
PHI 104	The Ideal of Democracy
POL 101	Citizens and Governance
POL 106	U.S. Government and Civic Practices

Individuals and Societies (1 course required) [MC-IS]

AGR 201	Resources, Food and Society: A Global Perspective
ANT 175	Cross-Cultural Perspectives on Contemporary Human Problems
ECO 103	Individual and Social Choice
GEO 140	Human Geography
PSY 110	Fundamentals of Psychology
PSY/SOC 131	Social Psychology
SOC 108	Contemporary Social Problems in Global Perspective
TEC/SOC 175	Living in a Technological World
WS 120	Women, Gender, and Society

OUTER CORE GENERAL INFORMATION

These courses give insight into the varied nature of disciplinary knowledge, introducing students to the ways that specific disciplines create knowledge and examining the interplay between disciplined inquiry and the larger world in which such inquiry takes place.

A total of 4 courses are required in the Outer Core. Students must complete one course chosen from each of four discipline groups: Science, Mathematics and Technology; Fine Arts; Humanities; and the Social Sciences. Students not satisfying the Global Studies graduation requirement through a major course should choose an outer-core course designated by a double asterisk.

Outer Core Course Listing

Science, Mathematics, and Technology (1 course required) [OC-SMT]

AGR 203	Agriculture and the Environment
BSC 145	Human Biology
BSC 160	Microbiology and Society
BSC 170	Genetics and Society
BSC 202	Human Ecology
CHE 204	Chemistry of Life
FCS/KNR/ HSC 208	Dynamics of United States Contemporary Health Issues
GEO 202	Evolution of the Earth
GEO 207	Natural Disasters
GEO 211	Earth's Dynamic Weather
HSC 156	Environmental Health in the 21st Century: Meeting the Global Challenge
IDS 265	Introduction to Cognitive Science: Computers, Minds, Brains and Robots
ITK 214	Social, Legal, and Ethical Issues in Information Technology
PHY 205	Origin of the Universe
PHY 206	Chaos and Complexity
PHY 207	Energy and Society
TEC 275	Technology and Quality of Life

Social Sciences (1 course required) OC-SS

ANT 101	Human Origins
ANT 185	Cultures of the World**
FCS 222	Cultural Diversity in Dress
FCS 224	Enduring Issues for Couples and Families
ANT/ENG/ FOR 143	Unity and Diversity in Language
GEO 135	World Geography **
GEO 235	Geography of Emerging Areas**
HSC 170	Safety and Society
HIS 264	History of Women in North America
POL 140	Introduction to the Politics of Africa, Asia, and Latin America **
PSY 213	Lifespan Development
PSY 233	Psychology of Personality
SOC 240	People in Places:Understanding and Developing Community
SWK 125	Building Healthier Communities Through Community Involvement

Fine Arts
(1 course required) OC-FA

ART 176	Arts and Society: Visual Arts
ART 275	World Arts: Visual Arts**
MUS 152	Experiencing Music
MUS 153	Black Music I**
MUS 154	Black Music II**
MUS 176	Arts and Society: Music
MUS 275	World Arts: Music**
THE 152	Experiencing Theatre
THE 176.01	Arts and Society: Theatre
THE 176.02	Arts and Society: Film
THE 275.01	World Arts: Theatre**
THE 275.02	World Arts: Film**

Humanities
(1 course required) OC-H

ENG 107	Literature and Film Style
ENG 110	British Literature and Its Contexts
ENG 150	Masterpieces of World Literature
ENG 229	Introduction to Literary Genres
ENG 261	Women's Literature in a Global Context
ENG/FOR 206	Cultural Expressions in Social Contexts: Women of Asia, Latin America and Africa**
FOR 106	Myth and Meaning
HIS 104	History of Asia, Middle East, Africa, Latin America, or Indigenous Peoples**
HIS 107	The Making of Europe
IDS 203	Nations and Narrations **
IDS 207	Representation Knowledge and Power
PHI 101	Basic Issues in Philosophy
PHI 150	Science and Human Culture
PHI 202	Sex, Values, and Human Nature
PHI 224	Meaning and Religious Belief
PHI 238	Rights and Wrongs
PHI 251	Visions of the Self: A Study of Minds and Persons

**** Courses with Global Studies designation, indicating a focus on cultures of Asia, the Middle East, Africa, Latin America, or the indigenous peoples of the world.**

Codes used throughout the Illinois State University General Education Program include the following:

IC	Inner Core
IC-M	Inner Core-Mathematics
IC-NS	Inner Core-Natural Science
IC-NSA	Inner Core - Natural Science Alternatives
MC-QR	Middle Core - Quantitative Reasoning
MC-LH	Middle Core - Language and the Humanities
MC-UST	Middle Core - United States Traditions
MC-ICL	Middle Core - Individuals in Civic Life
MC-IS	Middle Core - Individuals and Societies
OC-SMT	Outer Core -Science, Mathematics, and Technology
OC-SS	Outer Core - Social Sciences
OC-FA	Outer Core - Fine Arts
OC-H	Outer Core - Humanities

Transferring General Education Courses – Illinois Articulation Initiative

The Illinois Articulation Initiative (IAI) is a statewide agreement among the more than 100 public and some selected private four-year and two-year higher education institutions. The agreement is designed to facilitate students transferring between colleges and universities. The Illinois Transferable General Education Core curriculum consists of 12 to 13 courses (37 to 41 hours of credit) within a five-category designation. The general requirements are as follows:

Communication:	3 courses (9 credits)
Humanities and Fine Arts:	3 courses (9 credits)
Mathematics:	1 to 2 courses (3 to 6 credits)
Physical and Life Sciences:	2 courses (7 to 8 credits)
Social and Behavioral Sciences:	3 courses (9 credits)

IAI policy is presented on the Web site, www.iTransfer.org, and Illinois State University's

implementation requirements are published below. Students who transfer out of Illinois State will be held to the requirements of their transfer institution.

General Education Options For Transferring Students

New transfer students have the option of completing either Illinois State's General Education program or the Illinois Transferable General Education Core Program (IAI). NOTE: To be eligible for IAI, at least one transfer course must have been articulated to an IAI core requirement. Transfer students who have satisfactorily completed at least one course within the Illinois Transferable General Education Core are allowed to complete this program by enrolling in approved IAI courses at Illinois State University. Students should note, however, that IAI course availability is quite limited.

CLEP

Illinois State policies on CLEP credit will be used to meet Illinois Transferable General Education Core requirements.

WAIVERS

If a student satisfactorily completes the objectives of a General Education Core area but earns fewer hours than required, the remaining hours for that area can be waived. However, students must complete the minimum of 12 courses, 37 hours, and the number of courses required in each area of the Core. Fractional hours can also be waived, but the minimum 37 hour total is still enforced.

For those students eligible to complete the Core, a transfer course articulated as an Illinois State University course approved for the Illinois Transferable General Education Core Curriculum will be utilized toward the Core. Any course from a participating school approved by an IAI curriculum panel may be used even if not articulated to an Illinois State course. Acceptance and placement of transfer credit as an elective from a nonparticipating IAI institution is only applicable to meet Illinois Transferable General Education Core (IAI) requirements at Illinois State University.

Effective May 1999, a student transferring to another institution, who has completed at least 37 semester hours, may request an audit, via a transcript request, of his or her records for completion of the Illinois Transferable General Education Core Curriculum. If complete, the University will certify completion of the Illinois Transferable General Education Core requirements on the Illinois State transcript.

Students transferring to Illinois State are required to fulfill all University graduation requirements.

Illinois Articulation Initiative Course Requirements:

Regardless of category placement, a student may count no more than two courses from a single discipline to fulfill the General Education Core Curriculum requirements. Only one course assigned to an IAI course number may be used to fulfill a requirement.

Illinois State University courses approved for the IAI General Education Core are listed officially on the IAI Web site, www.iTransfer.org. The following list of courses is provided for convenience only. Some courses may have been added or deleted since the publication of this catalog.

Communication

(3 courses, 9 semester hours)

A grade of C or better required in C1 900, ENG 101 and C1 901R, ENG 145.

For students with appropriate preparation, Illinois State will waive a communication course. A minimum of 12 courses and 37 semester hours is still required.

IAI Course Number and IAI Title	Illinois State Course and Semester Hours
C1 900 Writing Course Sequence	ENG 101 (3)
C1 901R Writing Course Sequence	ENG 145 (3)
C2 900 Language and Communication	COM 110 (3)

Mathematics

(1 course, 3 semester hours)

M1 900	College Level Calculus	MAT 121 (4) MAT 145 (4) MAT 146 (4) MAT 147 (4)
M1 902	General Education Statistics	ECO 138 (3) PSY 138 (3)
M1 903	Mathematics for Elementary Teaching I and II (limited to Elementary Education Majors)	MAT 152 (3)
M1 904	General Education Mathematics	MAT 105 (3)
M1 906	Finite Mathematics	MAT 120 (4)

Physical Science and Life Sciences

(2 courses, 7 semester hours)

Students with appropriate preparation may substitute an initial course designed for science majors. One Life Science and one Physical Science course required, of which one must be a lab (indicated by an L, e.s. P1 901L or L1 900L).

IAI Course Number and IAI Title		Illinois State Course and Semester Hours
P1 900L	General Education Physics	PHY 105 (4)
		PHY 108 (5)
P1 901L	Physics and Society	PHY 102 (3)
P1 902	General Education Chemistry	CHE 110 (4)
P1 902L	General Education Chemistry	CHE 112 (1)
		CHE 140 (4)
		CHE 204 (3)
P1 903L	Chemistry and Society	CHE 102 (3)
L1 904	Human Biology	BSC 145 (3)
L1 906	Heredity and Society	BSC 170 (3)
P1 906	Introduction to Astronomy	PHY 101 (3)
P1 907	Introduction to Geology	GEO 105 (3)
P1 907L	Principles of Geology	GEO 102 (3)
P1 909	Physical Geography	GEO 100 (3)
P2 900L	Calculus-based Physics I	PHY 110 (4)
L1 900L	General Education Biology	BSC 101 (3)
		BSC 196 (4)

Humanities and Fine Arts
(3 courses, 9 semester hours)

One Humanities and one Fine Arts course required.

H1 900	Foreign Language IV	FOR 116 (4)
H1 900	Italian 2nd Year Part II	FOR 116.01 (4)
H1 900	French 2nd Year Part II	FOR 116.12 (4)
H1 900	German 2nd Year Part II	FOR 116.13 (4)
H1 900	Latin 2nd Year Part II	FOR 116.14 (4)
H1 900	Spanish 2nd Year Part II	FOR 116.15 (4)
H1 900	Japanese 2nd Year Part II	FOR 116.18 (4)
H2 901	Western Civilization I	HIS 101 (3)+++
H2 902	Western Civilization II	HIS 102 (3)+++
H3 903	Non-Western Civilizations	HIS104.01 (3)++
		HIS 104.02 (3)++
		HIS 104.03 (3)++
		HIS 104.04 (3)++
		HIS 104.05 (3)++
H2 904	American History	HIS 135 (3)+++
H2 905	U.S. History/Civilization II	HIS 136 (3)
H3 910D	American Ethnic Literature	ENG 165 (3)
H3 911D	Literature and Gender	ENG 160 (3)
		COM 128 (3)
		ENG 128 (3)
		FOR 128 (3)
H3 912	Survey of British Literature I	ENG 110 (3)
H3 914	Survey of American Literature I	ENG 130 (3)
H4 900	Introduction to Philosophy	PHI 101 (3)
H9 901	Mythology	FOR 106 (3)
HF-900	American Culture/Civilization	ENG 131 (3)
		HIS 131 (3)
F1 905D	Ethnic Traditions in American Music	MUS 153 (3)++
		MUS 154 (3)++
F1 909D	Intro to Black Drama and Theatre	THE 154 (3)
F2 901	History of Western Art I	ART 155 (3)
F2 902	History of Western Art II	ART 156 (3)
F2 903N	Non-Western Art	ART 140 (3)++
F2 905	Film History and Appreciation	THE 170 (3)

++ Courses designated specifically to examine aspects of human diversity from a non-U.S./non-European perspective.

+++ Western Civilization (H2 901 or S2 902 and H2 902 or S2 903) and American/U.S. History (H2 904 or S2 900 or S2 901) can be used either as how it was approved for the school offering the course, or how the equivalent course at the receiving school was approved.

Social and Behavioral Science
(3 courses, 9 semester hours)

Two disciplines must be represented from the following list: Anthropology (S1), History (S2), Economics (S3), Geography (S4), Politics and Government (S5), Psychology (S6), Sociology (S7), Social Psychology (S8).

S3 900	Principles of Economics	ECO 105 (4)
S4 900N	Introduction to Human Geography	GEO 135 (3)++
		GEO 140 (3)
S4 903N	Introduction to Economic Geography	GEO 150 (3)++
S5 900	American/U.S. National Government I	POL 105 (3)
		POL 106 (3)
S5 904N	International Relations	POL 151 (3)++
S5 905	Comparative Government	POL 141 (3)
S5 906N	Non-Western Comparative Government	POL 140 (3)
S6 900	General Psychology I	PSY 110 (3)
		PSY 111 (3)
S6 902	Life-Span Developmental Psychology	PSY 213 (3)
S7 900	Introduction to Sociology	SOC 106 (3)
S7 901	Social Problems	SOC 108 (3)
S7 902	Marriage and Family	FCS 224 (3)
S8 900	Social Psychology	PSY 131 (3)
		SOC 131 (3)

++Courses designated specifically to examine aspects of human diversity from a non-U.S./non-European perspective.

UNIVERSITY-WIDE CURRICULUM

Illinois State University offers major and minor programs that allow students to synthesize knowledge that spans two or more academic disciplines. Each interdisciplinary program is directed by a faculty member. Faculty from across the University deliver courses within these programs. In addition, the University offers interdisciplinary (IDS) courses that transcend the boundaries of a single discipline.

The following courses, majors, minors, and requirements may apply and be available to students from a wide variety of majors and disciplines. These include:

Majors

- Interdisciplinary Studies: B.A., B.S.
- University Studies: B.A., B.S.

Minors

- African-American Studies
- African Studies
- Children's Studies
- Cognitive Science
- Environmental Studies
- Ethnic and Cultural Studies
- Interdisciplinary Studies
- International Studies
- Latin American, Caribbean and Latino/a Studies
- Middle Eastern and South Asian Studies
- Peace and Conflict Resolution Studies
- Tourism Studies
- Urban Studies
- Women's Studies

Courses

- Honors Courses
- Interdisciplinary Courses
- International Studies Courses
- University-Wide Courses

University-Wide Majors

MAJOR IN INTERDISCIPLINARY STUDIES

University College Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604

Degrees Offered: B.A., B.S.

General Information

Under the Major in Interdisciplinary Studies, a student may construct one of three individualized programs of study that differ from the University's regular major programs. These options use existing University courses and lead to the Bachelor of Arts or Bachelor of Science degree in Interdisciplinary Studies. Each sequence addresses a different set of educational objectives.

I. The Individualized Sequence of the Major in Interdisciplinary Studies allows a student to design, with the help of a faculty sponsor, a specialized program of study that is not offered by the University. This program is intended for the student whose specific interests cannot be accommodated within existing programs. Some topics recently chosen by students include Classical Civilization, Agricultural Communication, Three-Dimensional Design, Human Services and Needs, International Public Administration, and Theatre Management. The Individualized Sequence is often a second or auxiliary major but may be proposed as a primary major.

II. The Multidisciplinary Studies Sequence of the Major in Interdisciplinary Studies is built around the offerings of two or more departments or schools. It is intended for the student who is seeking a baccalaureate degree without the specialization of a traditional major. The student chooses the focus of the program, with the help of a faculty advisor, by determining the departments or schools in which he or she wishes to pursue advanced work.

III. The Human and Educational Services Sequence recognizes work that students have completed in working toward a degree in Special Education (SED) or Curriculum and Instruction (C&I). Completion of this degree program does not allow for certification as a teacher.

NOTES:

1. The Multidisciplinary Studies Sequence of the Major in Interdisciplinary Studies does not prepare a student for a specific professional career or graduate field. Because of its general nature, this program will probably require graduates to convince prospective employers or graduate schools that the students' degree preparation will enable them to succeed in a particular job or educational endeavor.

2. The Major in Interdisciplinary Studies does not satisfy the requirements for Teacher Certification.

Procedure:

1. Admission to the Individualized and Multidisciplinary Studies Sequences of the Major in Interdisciplinary Studies may be requested after the completion of 14 semester hours of course work and before the completion of 90 semester hours. Applications must be submitted during the first half of the fall or spring semesters.
2. Information on the application process is available in University College Academic Advisement, 340 Fell Hall. Applicants should select an appropriate faculty advisor. The proposed plan of study must be approved by the faculty advisor, the Interdisciplinary Studies Major Committee, and the Office of the Provost. For the Human and Educational Services Sequence, students must be majors in either Special Education or Curriculum and Instruction and will receive advisement from their departmental advisor.
3. Except for the Human and Educational Services Sequence, at least one-half of the course work in the sequence must be taken after the proposal has been approved. No more than one-sixth of the course work in the sequence may be transferred from another institution of higher education.
4. Changes in an approved plan of study must be authorized in advance. A letter outlining the proposed change, and countersigned by the faculty advisor, should be submitted to University College Academic Advisement. Requests for changes in more than one-sixth of the approved program constitute a new proposal and must be resubmitted subject to all the conditions of an initial application.
5. If the Individualized Sequence is a student's primary major, courses included in the approved program may not be used to meet General Education requirements. Only one course from the departments or schools specified in the Multidisciplinary Sequence may be used to meet the General Education requirements.

MAJOR IN INTERDISCIPLINARY STUDIES

General Requirements:

1. 120 semester hours.
2. Completion of General Education requirements.
3. 42 senior-college (200- to 300-level) hours.
4. A 2.75 cumulative GPA at the time of application.

Major in Interdisciplinary Studies; Individualized Sequence and Requirements:

The Individualized Sequence is an Interdisciplinary program that may be used to attain specific educational goals that cannot be accommodated by existing majors at Illinois State. The Major in Interdisciplinary Studies: Individualized Sequence is usually a second auxiliary major but may be proposed as a primary major.

Students who complete the Individualized Sequence will earn a Bachelor of Arts or Bachelor of Sciences degree and have their transcripts noted: "Major in Interdisciplinary Studies: Individualized Sequence: _____" (the theme that is specified on the plan of study).

— 120 hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours.
— Approved plan of study from at least two academic departments containing 36-55 hours.

Major in Interdisciplinary Studies; Multidisciplinary Studies Sequence Requirements:

Students who complete the Multidisciplinary Studies Sequence will earn a Bachelor of Arts or Bachelor of Science degree and have their transcripts noted: "Major in Interdisciplinary Studies: Multidisciplinary Studies Sequence."

— 120-hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours.
— An approved plan of study with a minimum of 36 hours from at least two departments or schools, including 12 senior-college hours (200- to 300-level) from each of 2 departments or schools and a maximum of 25 hours from any one of the departments or schools.

Major in Interdisciplinary Studies; Human and Educational Services Sequence Requirements:

Only those students who leave the Special Education or Curriculum and Instruction major their senior year will be eligible for admission into the Major in Interdisciplinary Studies; Human and Educational Services Sequence. Applicants to this program must be referred by Special Education or Curriculum and Instruction department advisors. Students in this program will earn a Bachelor of Arts or Bachelor of Science Degree and have their transcripts noted: "Major in Interdisciplinary Studies: Human and Educational Services Sequence."

— 120-hour graduation requirement, including General Education requirements and 42 senior-college (200- to 300-level) hours must be met.
— In addition, the approved plan of study must include a minimum of 36 semester hours, of which at least 24 hours are at the 200-300 level. These courses must include a minimum of 27 hours from Special Education and/or Curriculum and Instruction, as well as 9 hours of advisor-approved electives from departments outside of Special Education and Curriculum and Instruction.

MAJOR IN UNIVERSITY STUDIES

Program Coordinator: University College
Academic Advisement Center
340 Fell Hall, Campus Box 4060
(309) 438-7604

Degrees Offered: B.A., B.S.

Admission Requirements:

This degree program is intended for students who are admitted and enrolled at Illinois State University and who either are unable to meet the admission/retention requirements for majors with requirements above the University minimums, or who while performing successfully in their major, discover late in their program of study that they do not wish to pursue the career path that follows from their initial major and degree choice.

NOTE: The Major in University Studies is not as clearly understood outside the university as traditional baccalaureate majors. Students earning this degree may be required to persuade prospective employers or graduate schools that this degree will enable them to be successful in a particular job or a future educational endeavor.

In order to be admitted to the major, applicants must:

— have completed a minimum of sixty (60) hours and be in good academic standing with a GPA of 2.00 or higher, and
— complete an approved Plan of Study in collaboration with a program advisor.

This degree is not available to second bachelor degree candidates.

Degree Requirements:

— Completion of all graduation requirements for the B.A.or the B.S. degree as listed in this *Undergraduate Catalog.*
— Completion of all course requirements as listed on the student's approved Plan of Study. (All changes to the initial Plan must be approved by the program advisor.)
— A minimum of 9 credit hours taken at the 300-level.
— **General Studies Option**: A concentration of a minimum of 18 hours in each of two different disciplines as approved in the Plan of Study, **or**
— **Specialized Studies Option:** A concentration of a minimum of 30 hours in one department or school as approved in the Plan of Study, **or**
— **Liberal Studies Option**: A concentration of a minimum of 36 hours bridging academic disciplines as approved in the Plan of Study.

University-Wide Minors

MINOR IN AFRICAN-AMERICAN STUDIES

Advisor: Ronald Gifford, Department of History
321 Schroeder Hall, Campus Box 4420
(309) 438-8298

The Minor in African-American Studies provides an interdisciplinary approach to exploring facets of Black culture within the United States. This program is designed to be of interest to students who want to explore the many contributions of African-Americans to the political, historical, social and artistic fabric of the United States. Students are required to take a core of three courses on African-American history and literature, as well as elective courses in the social sciences (History, Sociology, and Politics and Government) and in the humanities and fine arts (English, Music, and Theatre).

— 24 hours required.
— Required core (9 hours): ENG 165; HIS 257, 258.
— Choose 3 courses (9 hours) from group A and 2 courses (6 hours) from group B.

Group A (9 hours): HIS 111 or SOC 111; POL 140, 334; SOC 264.

Group B (6 hours): ENG 265, 365; IDS 203.05; MUS 153, 154; THE 154.

Other courses approved by the minor advisor may be counted toward the minor.

NOTE: Please refer to specific departments or schools for further course information including prerequisites.

MINOR IN AFRICAN STUDIES

Director: Agbenyega Adedze
Office: 334 Stevenson Hall
Phone: (309) 438-8367

Advisor: Ronald Gifford
Office: 321 Stevenson Hall
Phone: (309) 438-8298

A Minor in African Studies will complement a major in several disciplines. It is therefore designed as a multidisciplinary program where the student will take courses in the social sciences, arts, and humanities (Anthropology/Sociology, Foreign Languages, English, Geography, History, Music, Politics and Government, and Theatre). The Minor will provide students with a broad background in African history, societies, culture, and politics. The program is directed towards students with a view of visiting or working in Africa or those who are interested in government or public service careers.

— 21 hours required.
— 9 hours required (3 courses) from the following: GEO 235, 250; HIS 104.01, 265, 266; POL 246. (At least two disciplines must be represented from this list.)
— Choose 4 courses (12 hours) from the following electives: GEO 235.01, 250; HIS 104.01, 265, 266; POL 246 (if not taken as part of required core); ANT 181, 185; FOR 206; MUS 139.21, 153, 154, 239.21; THE 271, 275.
— No more than 9 hours may be selected from the student's first or second major department.

Other courses approved by the minor advisor may be counted toward the minor.

NOTE: Please refer to specific departments or schools for further course information including prerequisites.

African Studies minors are encouraged to study abroad in Africa. There are a number of study abroad programs in which students can participate that range in length from a summer to a semester, or an entire academic year. Interested students should contact the Office of International Studies and Programs.

MINOR IN CHILDREN'S STUDIES

Advisor: Dr. Karen Coats, English Department
323F Stevenson Hall, Campus Box 4240
(309) 438-3740

The Minor in Children's Studies provides an opportunity for students to enhance their knowledge of children and child culture through interdisciplinary exploration of child-related issues. This program is designed to be of interest to students who wish to pursue child-related emphases in their major disciplines, such as children's literature, child psychology, children's history and culture, pediatrics, juvenile justice, or social work with children, or for those who wish to learn more about the subject of childhood from multidisciplinary frames of reference. The minor will also provide a foundation for those students who intend to go to professional or graduate school to pursue child-centered research interests.

— A minimum of 24 hours, including FCS 112 or HIS 112 or SOC 112 and one of the following: FCS 101, PSY 301, C&I 210.
— The remaining 18 hours must include a minimum of 2 courses from Group A and a minimum of 2 courses from Group B.
— Group A: ENG 170, 271, 272, 370, 372, 373, 374, 375; MUS 371.
— Group B: C&I 233; CJS 215; FCS 231; 233; 250; HIS 261, 262, 330; NUR 208; PAS 115, 175; POL 322, 339; PSY 215, 302; 346; SOC 262.
— With permission of the minor advisor the following categories of courses may be counted toward the minor.

1-3 hours of an internship with a child-related agency, arranged through a department.
1-3 hours of an independent study on a child-related topic.
1-3 hours of a special topics course on a child-related topic, offered through a department.

— **NOTE**: No more than 9 hours may be selected from the student's first or second major department.

MINOR IN COGNITIVE SCIENCE

Director: David L. Anderson
Department of Philosophy
333B Stevenson Hall, Campus Box 4540
(309) 438-7175; dlanders@ilstu.edu

— A minimum of 24 hours required for the minor, depending on the emphasis chosen and the level of preparation of student. Programs must be planned in consultation with an advisor. Students are required to seek an advisor through the Director of Cognitive Science Studies.
— Required courses: One course is required of all students, IDS 265: Introduction to Cognitive Science: Computers, Minds, Brains, and Robots. Other requirements will be met by developing a planned course of study approved by a Cognitive Science Studies advisor. In consultation with the advisor, the student will choose an emphasis that is ***outside*** the student's major and will fulfill the requirements of that emphasis.

Emphases:

Computer Science: ITK 168, 179; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group B; and 2 elective courses (6 hours) from Groups C,D,E, or F.

Linguistics: PHI 112 or 210; ENG 341; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group C; and 2 elective courses (6 hours) from Groups B,D,E, or F.

Philosophy: PHI 112 or 210, PHI 253 or 315; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group D; and 2 elective courses (6 hours) from Groups B,C, E, or F.

Psychology: PSY 138 (recommended) or ECO 138 (acceptable); PSY 366; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group E; 2 elective courses (6 hours) from Groups B, C, D,or F.

Course Groups:

Group A (Quantitative Skills): MAT 145, 146, 175, 250, 260; PHI 112 or 210 (MAT 210); PSY 138 (recommended) or ECO 138. (Note: (There are three statistics courses listed: MAT 250, PSY 138 and ECO 138. Only ***one*** statistics course can be taken for Group A credit).

Group B (Computer Science): ITK 168, 179, 261, 279, 340, 367, 388.

Group C (Linguistics): ANT/ENG/FOR 143, ANT/ENG 342; ENG 241, 243, 245, 310, 341, 344; FOR 209.12, 215.15, 262.15, 310.13, 340.12, 360.15; PAS 175, 201; ANT 277; COM 370, 372.

Group D (Philosophy): PHI 250, 251, 253, 255, 256, 315; PHI *305, *310, *363. NOTE: Courses with * may be used only when the topic is approved by a Cognitive Science advisor.

Group E (Psychology): PSY 231, 331.04, 331.07, 360, 361, 363, 366, 368, 369.

Group F (Related Courses): ANT 286, 288, 290, BSC 286, 297, 343.

NOTE: Please refer to specific departments for further course information.

Cognitive Science Course

IDS

265 INTRODUCTION TO COGNITIVE SCIENCE: COMPUTERS, MINDS, BRAINS, AND ROBOTS OC-SMT 3 S
Inner Core req. MC-QR or one semester of Foreign Language req.
Explores fundamental principles from Psychology, Computer Science, Philosophy, Linguistics, Biology, that contribute to the scientific study of intelligent systems (minds).

MINOR IN ENVIRONMENTAL STUDIES

Advisor: Amy Bloom
Department of Geography- Geology
206 Felmley Hall, Campus Box 4400
(309) 438-7649, Email: ambloom@ilstu.edu

A minimum of 21 hours is required, distributed as shown below. Students must complete 9 hours in Group One and 9 hours in Group Two. To fulfill the remaining three required hours, the student must choose at least one option under Group Three. For further information contact the Department of Geography-Geology.

Group One:

Agriculture	AGR 203
Biological Sciences	BSC 202
Geography	GEO 200
Geology	GEO 276

Group Two:

Economics	ECO 255
Geography	GEO 205
Health Science	HSC 156
Philosophy	PHI 236
Politics and Government	POL 236

Group Three:

1. Any course listed under Group One or Group Two; or
2. AGR 157 or AGR 234; or CHE 280; or GEO 211; or POL 232; or
3. Students may choose to pursue an environmentally-based internship to partially or fully fulfill the elective requirement. Arrangement for the supervision of internship experience must be handled through the student's major department or school. Prior approval of the Advisor of the Minor in Environmental Studies is required for the student to receive credit for this experience toward fulfilling the requirement of the minor.

MINOR IN ETHNIC AND CULTURAL STUDIES

Advisor: Janet Claus, Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604

No major is offered. The study of ethnic groups may be arranged through the Interdisciplinary Studies Major program. Students interested in pursuing work in this area should contact the Interdisciplinary Studies advisor.

Requirements for minor:

— A minimum of 22 hours representing 8 courses as indicated from Groups I, II, and III; at least 4 courses must be above the 100-level; no more than 3 courses may be from 1 department or school.
— A Professional Practice experience approved by the student's minor advisor and the appropriate department may be used as 1 course in Group I and/or Group II.
— An independent study course approved by the student's minor advisor and processed through the regular procedure may be used as 1 course in Group I and/or Group II.

Group I - Ethnic Origins

Students must complete 3 courses from Group I, representing at least 2 departments/schools. Group I represents the origins of minority populations in the United States. The emphasis is on the culture, history, and the experience of the area from which present-day United States' minorities come and on the Native American population before the arrival of the immigrants.

— **Asian-Americans:** ANT 294; GEO 235.03, 235.05, 255; HIS 104.02, 104.05, 269, 275, 276, 373, 375; IDS 121.26, 203.10, 203.25; PHI 207, 208; POL 245, 345.
— **African-Americans:** ANT 295; GEO 235.01, 250; HIS 104.01, 265, 266; IDS 203.05, POL 246.
— **Hispanic-Americans:** FOR 243.15, 244.15, 253.15, 255.15, 331.15, 336.15; GEO 235.02; HIS 104.03, 263, 282, 283; IDS 121.31, 203.15; POL 240, 340.
— **Native Americans:** ANT 283.
General Courses: ART 140; ENG/FOR 206; POL 140; THE 271.

Group II - The Experience of Minority Populations in the United States.

Students must complete 3 courses from Group II, representing at least 2 departments/schools. Group II represents the experiences of minority populations after arriving in the United States and of the Native American population after the arrival of Europeans and Africans.

— **African-Americans:** ENG 165, 265, 365; HIS 257, 258; IDS 105, 121.40; MUS 153, 154; THE 154.
— **Hispanic-Americans:** POL 336.
— **Native Americans:** ANT 272; ENG 266; IDS 121.29.
— **General Courses:** C&I 232, 312.

Group III - Ethnicity

Students must complete 2 courses from Group III, representing at least 2 departments. Group III focuses on the concept of ethnicity in a more theoretical way. It attempts to generalize from minority experiences.

— **General Courses:** ANT 281, 285; C&I 110; HIS 273; POL 334; SOC 264, 366.

Ethnic Studies Courses

IDS

105 CULTURAL AWARENESS AND INTERRACIAL UNDERSTANDING 3 F,S
Cons inst req.
Racially balanced experiential and theoretical course for students wishing to increase awareness and understanding and to improve black/white communication.

MINOR IN INTERDISCIPLINARY STUDIES

Program Coordinator: Bruce Hawkins
University College Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604
Degrees Offered: B.A., B.S.

General Information

Illinois State University offers students the opportunity, under the Minor in Interdisciplinary Studies, to construct a program of study that differs from the University's regular minor programs.

The Individualized Requirements provide an Interdisciplinary program that may be used to attain specific educational goals that cannot be accommodated by existing minors at Illinois State.

Minor in Interdisciplinary Studies; Individualized Sequence and Requirements:

Students who complete the Individualized Sequence will have their transcripts noted: "Minor in Interdisciplinary Studies: Individualized Sequence:_____," (the theme that is specified on the plan of study).

— Approved plan of study from at least 2 academic departments/schools containing 18-24 hours.
— A 2.75 cumulative GPA at the time of application.

Procedure:

1. Admission to the Minor in Interdisciplinary Studies may be requested after the completion of 15 semester hours of course work and before the completion of 90 semester hours.

Applications must be submitted during the first half of the fall or spring semesters.

2. Information on the application process is available in University College Academic Advisement, 340 Fell Hall. Applicants should select an appropriate faculty advisor. The proposed plan of study must be approved by the faculty advisor, the Interdisciplinary Studies Minor Committee, and the Office of the Provost.
3. At least one-half of the course work in the sequence must be taken after the proposal has been approved. No more than one-sixth of the course work in the sequence may be transferred from another institution of higher education.
4. Changes in an approved plan of study must be authorized in advance. A letter outlining the proposed change, and countersigned by the faculty advisor, should be submitted to University College Academic Advisement, 340 Fell Hall. Requests for changes in more than one-sixth of the approved program constitute a new proposal and must be resubmitted subject to all the conditions of an initial application.

MINOR IN INTERNATIONAL STUDIES

International Studies
308 Fell Hall, Campus Box 6120
(309) 438-5365

Advisor: Allison Martyn
369 Fell Hall
(309) 438-7604; almarty@ilstu.edu

The Minor in International Studies is an interdisciplinary program that is designed to offer students an opportunity to take a global perspective on their education.

The program's features include a background in foreign language, a focus on issues related to internationalization or globalization of society, a focus on a geographic area of the world, and participation in a formal study abroad experience. Academic advisement is essential to this highly individualized program in order for students to construct programs that will fit their individual needs.

— 24 hours required, including Foreign Language 115 or equivalent; 6-12 hours in Category A; 9-15 hours in Category B; and participation in a study abroad or alternative international experience.
— Participation is required in a 6-credit hour (or greater) study abroad experience sponsored by Illinois State University or alternative international experience approved prior to participation by the minor advisor. Courses taken while studying abroad may be counted toward the minor. Contact the International Studies Advisor for information on which courses offered in each program may be counted toward the minor.
— Up to 9 hours (excluding courses in Category A) taken in the minor may also be applied toward the student's major. At least 9 hours of the minor must be at the 200-level or above.
— Additional foreign language study is strongly encouraged. Special emphasis should be placed on developing oral communication skills.

CATEGORY A—International Issues:

— 6-12 hours required. Courses in the student's first major may not count toward category A requirements. A maximum of 2 courses from any 1 department or school may be taken. Choose from the following: AGR 201; ANT 175, 185; ART 275; CJS 369; COM 355, 369, 372; ECO 210, 228, 245, 345; ENG 206, 255, 261; FOR 206; GEO 135; HIS 104, 230, 270; IDS 203; INB 190; POL 140, 150, 151, 251, 252, 254, 255, 344, 351, 358, 363; SOC 108, 366; THE 271, 275.01, 275.02; WS 120, or other courses approved by the International Studies Advisor.

CATEGORY B—Area Studies:

— 9-15 hours required. Only courses taken in 1 area listed below may be counted toward the minor. Many Illinois State University Study Abroad program courses count.
— In addition to the courses listed below, any pertinent course on the history, literature, economic, social, or political structures of a foreign country or culture may be counted toward the minor, provided it receives approval in advance from the International Studies advisor. The International Studies advisor will help students choose courses appropriate to their area studies concentration and career objectives.
— **Latin America:** FOR (SPA) 116, 244, 305; GEO 230; HIS 263; POL 140, 240, 340.
— **Europe:** ART 372, 379; FOR 116 (FR, GER, ITN, SPA), 217 (FR), 217 (GER), 243 (SPA), 218 (GER), 305 (FR), 305 (SPA); GEO 240; HIS 102, 229, 234, 237, 366; POL 141, 242, 341.
— **Africa:** FOR 325; GEO 250, HIS 266; POL 140, 246.
— **South and Southwest Asia (Middle East, India, Pakistan, Sri Lanka):** GEO 255; HIS 272, 378; PHI 207, 208; POL 140, 245, 247, 349.
— **East Asia:** FOR 116 (JPN), GEO 255; HIS 373, 375; PHI 208; POL 140, 245, 345.
— **NOTE:** Please refer to specific departments or schools for further course information.

MINOR IN LATIN AMERICAN, CARIBBEAN, AND LATINO/A STUDIES

Director: Dr. Maura Toro-Morn,
Department of Sociology and Anthropology
342J Schroeder Hall, Campus Box 4600
(309) 438-8290

Advisor: Janet Claus
Academic Advisement
340 Fell Hall, Campus Box 4060
(309) 438-7604

The goals of the Minor in Latin American, Caribbean, and Latino/a Studies are (a) to provide students with key concepts, information, and a foundation of knowledge rooted in several academic disciplines; (b) to examine the social, political, and cultural challenges of Latin America, the Caribbean, and the Latino/a populations in the global community; and (c) to foster a multi cultural, pluralistic, and multi-lingual environment by focusing on the interrelations between the United States, Latin America, the Caribbean, and its descendant populations.

This program is flexible; students are expected to complete course work in a variety of disciplines and departments. All individual programs of study must be planned in consultation with the Latin American, Caribbean, and Latino/a Studies advisor.

— 24 hours required.
— Language Requirement: Students must complete 6 semesters of high school or second semester college (112) coursework in either Spanish or Portuguese. Note: Portuguese is not offered at Illinois State, but transfer credit will be accepted. Also, foreign language credit below the third semester level (115) does not count toward the minor requirement of 24 hours.
— A plan of study approved by the advisor including courses from at least three of the following groups.

Group A - Department of Curriculum and Instruction (Bilingual Education): C&I 319, 320, 321, 322.

Group B - Department of Foreign Languages: SPA 115.15, 116.15, 233.15, 240.15, 244.15, 300.15, 325.15, 336.15.

Students are strongly encouraged to study abroad in the Foreign Language Department's summer program in Taxco, Mexico.

Group C - Department of Geography and Geology: GEO 235.02.

Group D - Department of History: HIS 104.03, 263, 282, 283.

Group E - Department of Politics and Government: POL 240, 336, 340.

Group F - Department of Sociology and Anthropology: SOC 109.

NOTE: Other courses with appropriate content may be approved by the advisor, particularly FOR (SPA 305.15, 360.15; HIS 306; and IDS 203.15 when topic is Latin America.

MINOR IN MIDDLE EASTERN AND SOUTH ASIAN STUDIES

Director: Ali Riaz
Office: 240D Schroeder Hall
Phone: (309) 438-8071

Advisor: Erik Rankin
Phone: (309) 438-3709

The Minor in Middle Eastern and South Asian Studies provides an interdisciplinary approach to exploring the politics, society, cultures and economics of the countries in the Middle East and South Asia. This program is designed to be of interest to students who want to explore the socio-political-economic dynamics of the countries located in the region and their roles in the world. It also examines the impacts of the global politics, especially the US foreign policies, on the socio-political environment of this region. Students are required to take a core of four courses in history, politics, geography and interdisciplinary studies, as well as elective courses in the social sciences (History, Sociology, Geography, and Politics and Government), and in the humanities and fine arts (English, and Foreign Languages).

— 21 hours required.
— Required core courses (12 hours): GEO 235.03 or 235.04; HIS 104.04 or 104.05; IDS 203.20 or 203.25; POL 245, 247 or 345.
— Choose 3 courses (9 hours) from the following: ECO 205, 245; ENG 206; FOR 206; GEO 255; HIS 270, 271, 378; POL 225, 254, 349; SOC 268.
— NOTE: No more than 9 hours may be selected from the student's first or second major department.

Other courses approved by the director may be counted toward the minor.

Participation in Middle Eastern or South Asian universities through Illinois State University or alternative study abroad programs, while not required, is strongly encouraged. Students can accumulate up to 6 credit hours of electives.

NOTE: Please refer to specific departments or schools for further course information including prerequisites.

MINOR IN PEACE AND CONFLICT RESOLUTION STUDIES

Program Directors: Janie Leatherman
Department of Politics and Government
Campus Box 4600
425 Schroeder Hall (309) 438-8923

Deborah Gentry
College of Applied Science and Technology
Campus Box 5000
143C Turner Hall (309) 438-8748

The Minor in Peace and Conflict Resolution Studies is an interdisciplinary program that includes courses from fourteen departments.

The Minor provides a comprehensive and in-depth approach to peace and conflict resolution theories and methods. Students are required to take an introductory course, as well as one course from each of five areas of inquiry (social justice, conflict resolution, violence, environment, and globalization), while also specializing in one of these areas with two additional courses. The minor's capstone experience is a professional practice.

The Minor allows students to examine both the causes and prevention of war, as well as the nature of violence, including social oppression, discrimination and marginalization. They also learn peace strategies to overcome persecution and transform society to attain a more just and equitable international community. The inquiry encompasses micro to macro perspectives. At the micro end of the spectrum, students investigate non-violent ethics and conflict management; inner, aesthetic, and spiritual peace; interpersonal communication and relations; intergroup relations; and diversity and gender issues. At the macro level, students explore the dynamics of international conflict, as well as approaches to peace and world order; ethnic and socioeconomic justice; multiculturism; renewable economics; and biodiversity.

— 27-28 hours required.
— Required core (6 hours): IDS 111, 398.01.
— Choose three courses from one group listed below and one course from each remaining group.

Group A - Social Justice: CJS 102, PHI 238; SOC 106, 108, 264, 366

Group B - Conflict Resolution: FCS/SOC/HIS 112, FCS 310, HIS 268; POL 252, 255, 351, 363; SOC/HIS 111

Group C - Violence: CJS 369; IDS 254; PHI 248; POL 352; SOC 365

Group D - Environment: AGR 201; BSC 202; HSC 156; PHI 236; PHY 207

Group E - Globalization: ANT 175; ECO 105; IDS 203; INB 190; MQM 349; POL 150, 151.

NOTE: Students are encouraged to consult with a director regarding course selection and information regarding Professional Practice (IDS 398.01).

Peace and Conflict Resolution Courses

IDS

111 PEACE STUDIES **3 S**
Includes arranged service learning hours.
A general, interdisciplinary introduction to Peace Studies, including social justice, conflict resolution, global ecology, and education for an interdependent world.

398.01 PROFESSIONAL PRACTICE INTERNSHIP/ COOPERATIVE EDUCATION OR CO-OP IN PEACE STUDIES AND CONFLICT RESOLUTION **3-6 F,S**
IDS 111 and Minor in Peace and Conflict Resolution Studies req.
Practical experience, preferably in an international, national or local organization where peacemaking, conflict resolution and skills are required and learned.

MINOR IN TOURISM STUDIES

Advisor: Jill Freund Thomas
Department of Geography
200B Felmley Hall
(309) 438-8403

Jointly developed and sponsored by the department of Geography-Geology and the School of Kinesiology and Recreation, the Minor in Tourism Studies is available to students in any undergraduate major. Students should plan their minor program with the assistance of the Tourism Studies advisor, in the Department of Geography-Geology.

— 24 hours required.
— Required courses: GEO 130, 135, 215, 265; KNR 271, 272, 374; POL 140.
— Recommended courses: GEO 315; KNR 370, 377, or 380.

MINOR IN URBAN STUDIES

Advisor: Jill Freund Thomas
Department of Geography-Geology
206 Felmley Hall, Campus Box 4400
(309) 438-7649

The Minor in Urban Studies is an interdisciplinary minor sponsored by the Departments of Economics, Geography-Geology, History, Politics and Government, and Sociology-Anthropology. The program is designed to help students focus on the study of urban places from a social science perspective, and should be of interest to those who

want to pursue careers in urban related areas such as politics, planning or community development, or to those who wish to pursue graduate study in these areas.

The program's features include required course work in urban geography, history, political science and sociology, and in applied research or analytical techniques. Students may choose from a range of elective courses, independent study with urban studies faculty, and an optional internship.

— 21 hours required.
— Required Core (12 hours): GEO 336, HIS 322, POL 221 or 222, SOC 240 or 361.
— Required Methods (3 hours): ECO 238 or GEO 204 or HIS 200 or POL 209 or SOC 271.
— Choose 6 elective hours from the following: GEO 303, GEO 370, HIS 256, POL 335, SOC 362, or any core course not taken to fulfill the core requirement. Independent Study courses for up to three hours and approved in advance by the Urban Studies Advisor also may be used for elective credit.
— Optional Internship (in addition to the 21 required hours) must be coordinated with the Urban Studies Advisor.
— Up to 6 hours taken in the minor may also be applied toward the student's major.

NOTE: This program must be planned in consultation with the Urban Studies Advisor. Some courses carry prerequisites that require planning on the part of the student. In addition, the Advisor can assist students in tailoring the program to meet their individual interests.

MINOR IN WOMEN'S STUDIES (WS) 426

Director: Alison Bailey
237 Rachel Cooper, Campus Box 4260
(309) 438-2947

Web address: www.womenstudies.ilstu.edu

The Minor in Women's Studies enhances any undergraduate major by integrating a working knowledge of gender issues with the student's field(s) of study. Women's Studies employs gender as an analytical category, along with race, class, and ethnicity, to focus on women's contributions to society and the gender implications of cultural, political, and economic processes. By broadening a student's knowledge base, this interdisciplinary minor has theoretical and practical applications in scholarship, the workplace, and personal growth and relationships.

— 21 hours required.
— Required courses: WS 120; ENG 160; HIS 261 or HIS 262; PHI 246.
— 9 hours of additional courses from: ANT 270; CJS 339; COM 128 or ENG 128 or FOR 128; ENG 206 or FOR 206; ENG 260, 261, 360; FCS 112 or HIS 112 or SOC 112; FCS 233; HIS 261 or HIS 262 if not chosen to fulfill requirement, HIS 264, 330; PHI 202; POL 225, 337, 338; PSY 123 or SOC 123; PSY 305; SOC 264, 341, 366; WS 390, 391, 398.

NOTE: This program must be planned in consultation with the Women's Studies Director or advisor. With their approval, courses other than those listed above may be counted toward the minor.

Women's Studies Courses

120 WOMEN, GENDER AND SOCIETY MC-IS 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Formerly IDS/WS 120, INTRODUCTION TO WOMEN'S STUDIES.
How systems of gender shape societies around the world; how individual and collective actions transform the gender system of a society.

390 INTERDISCIPLINARY RESEARCH IN WOMEN'S STUDIES 1-6 F,S
A detailed proposal approved by the Director of Women's Studies and signed by 2 faculty advisors from different disciplines req prior to reg.
Students will research and write on an interdisciplinary topic of their choice relevant to Women's Studies.

391 WOMEN'S STUDIES SEMINAR 1-3 F, S, Summer
May be repeated; max 6 hrs.
Intensive study of an announced area and the production of a research paper relevant to Women's Studies.

398 PROFESSIONAL PRACTICE INTERNSHIP IN WOMEN'S STUDIES 1-6 F,S,Summer
6 hrs of Women's Studies and cons Dir of Women's Studies. May be repeated; max 16 hrs.
Supervised work experience in local, state, national, or international businesses, agencies, institutions, or organizations focusing on women's issues.

University-Wide Courses

These courses may be offered by any department or school of the University. Specific departmental offerings will be listed by department or school in the *Course Registration Directory* on the iCampus Web site, www.icampus.ilstu.edu.

189, 289, 389 SELECTED STUDIES 1-6
Experimental and interdepartmental courses providing content not offered within the framework of courses approved for inclusion in the *Undergraduate Catalog*. Descriptions of the courses offered each semester are provided in the *Course Registration Directory* on the iCampus Web site.

193, 293, 393 WORKSHOP 1-6
Max of 6 hrs may be applied toward graduation.
Workshop opportunities are provided for the purpose of permitting students to work on special problems not covered in any one course offered by the University. Topics for investigation by workshop participants are limited to areas in which the University is able to provide adequate workshop staff. Description of the courses offered each semester are provided in the *Course Registration Directory* on the iCampus Web site.

198, 298, 398 PROFESSIONAL PRACTICE 1-16
Cons dept chair req. Max of 16 hrs may be applied toward graduation.
Supervised work experiences in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised at the departmental level. University-wide coordination is provided through Professional Practice in Student and Alumni Placement Services or through the Office of Clinical Experiences if the experience is in an educational agency or institution.

287 INDEPENDENT STUDY 1-6
Max of 6 hrs may be applied toward graduation. Cons dept chair and supervisor req.
Intensive work in a special area of the student's interest. Each individual project is to culminate in a comprehensive written report or examination. Open only to students who are not on academic probation and who have demonstrated an ability to profit from independent study.

291 SEMINAR: UNDERGRADUATE TEACHING ASSISTANTS 1-3
Official designation as an Undergraduate Teaching Assistant (UTA). Max of 3 hrs may be applied toward graduation. Cons dept chair req.
Supervised examination of issues related to the Undergraduate Teaching Experience. Seminar requires time beyond the UTA work experience.

299 INDEPENDENT HONOR STUDY 1-6
Open only to students who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Max of 6 hrs may be applied toward graduation. Cons inst, dept chair or school dir, and Dir of Honors req.
Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination.

397 INSTITUTE 1-9
Federal- and state-sponsored institutes or similar short-term programs requiring treatment of subject matter of a special nature or for special groups.

399 STUDENT TEACHING 1-16
2.50 cum GPA req. Approval of department chair and the Director of CECP. 15 hours of course work or equivalent at Illinois State.
High school teaching (6-12): *PSY 215 or C&I 210 and C&I 212, 214, and/or 216 and a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.*

Special Areas (K-12): *PSY 215 or C&I 210 and C&I 212, 214, and/or 216, and a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences in K-12 sites.*

Middle Level Teacher Education (K-9): *C&I 390, minimum of 100 hours of approved pre-student teaching Clinical Experiences, completion of Field of Study required prerequisite for student teaching in areas of concentration.*

Early Childhood Education (Age 0-Grade 3): *C&I 283, minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.*

Elementary Education (K-9): *C&I 211, 257, 258; minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.*

Special Education (K-12): *Specific courses are required in each sequence. See listing of requirements in individual Special Education sequence. All sequences require the completion of a minimum of 100 clock hours of approved pre-student teaching Clinical Experiences.*

Other requirements as listed in the University-Wide Teacher Education section of this *Undergraduate Catalog.*

Directing the learning of pupils; participating in school and community activities; assuming full responsibility for a group of learners under the supervision of an expert teacher. Assignments are made on the basis of the student's area of specialization. The student's transcript indicates the area in which student teaching was completed.

INTERDISCIPLINARY STUDIES (IDS) 604

Director: Sally Parry, Associate Dean
College of Arts and Sciences
141 Stevenson Hall, Campus Box 4100
(309) 438-5669

Honors Courses

102 HONORS COLLOQUIUM 1-4 F
May be repeated once for cr if topic is different.
Interdisciplinary, for students in the Honors Program. Weekly sessions, presented by one or more specialists on the topic, explore a semester theme.

202 ADVANCED HONORS COLLOQUIUM 3 F,S
Jr standing or cons Honors Dir req. May be repeated once if topic is different.
Weekly sessions presented by a specialist dealing with a semester's topic for advanced students in the Honors Program.

225 NATIONAL COLLEGIATE HONORS EXCHANGE 1-6 F,S
Participation in Illinois State Honors Program.
Honors study for one semester at another university.

285 HONORS UNDERGRADUATE RESEARCH 1-3 F,S
Cons Honors Dir req. May be repeated.
Honors student assists a faculty member on the faculty member's research project.

286 HONORS UNDERGRADUATE RESEARCH II 1-3 F,S
IDS 285 req. May be repeated.
Continuation of IDS 285.

299 INDEPENDENT HONOR STUDY 1-6
Open only to students in the Honors Program who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Limit of 9 hrs IDS 299 and 395 combined may count toward graduation. Cons inst, dept chair or school dir, and Dir of Honors req.
Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination.

395 HONORS THESIS 1-6 F,S
Open only to students in the Honors Program who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Max of 6 hrs may be applied toward graduation. Cons inst, dept chair or school dir, and Dir of Honors req. Limit of 9 hrs of IDS 299 and 395 combined may count toward graduation.
Intensive research in a special area of the student's major. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis.

Interdisciplinary Studies Courses

105 CULTURAL AWARENESS AND INTERRACIAL UNDERSTANDING 3 F,S
Cons inst req.
Racially balanced experiential and theoretical course for students wishing to increase awareness and understanding and to improve black/white communication.

106 CAREER CHOICE 1 F,S
CR/NC only. Material charge optional.
Introduction to theory of career decision making. Laboratory in the application of skills and strategies to individual career choices. Appropriate for freshmen and sophomores.

111 PEACE STUDIES 3 S
Includes arranged service learning hours.
A general, interdisciplinary introduction to Peace Studies, including social justice, conflict resolution, global ecology, and education for an interdependent world.

121 TEXTS AND CONTEXTS MC-LH 3 F,S
ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option.
Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts.

133 INTERDISCIPLINARY STUDY ABROAD 1-6 F,S,Summer
Formerly IDS 189. May repeat if content differs.
Study abroad. Specific topics and regions as approved and indicated by decimal and extended title.

203 NATIONS AND NARRATIONS OC-H 3 F,S
ENG 101; COM 110 req.; MC-LH or MC-UST category req.
Construction of national identities from cultural, philosophical, religious, and political empires using narrative discourse as a lens. Topics vary from one section to another.

206 GEOGRAPHY AND POLITICS OF INTERNATIONAL CONFLICTS OC-SS 3 F,S
Inner Core req. One course from MC-IS or MC-ICL req.
Application of geographic and political science perspectives to a selection of international conflicts with an emphasis on active student involvement.

207 REPRESENTATION KNOWLEDGE AND POWER OC-H 3 F,S
ENG 101; COM 110 req; MC-LH category req.
Theory, practice, and history of the use of representational signs--language, images, sounds, etc.--to communicate knowledge about the world and to exercise power.

254 RELIGIONS AND CULTURES MC-LH 3 F,S
ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option.
A critical examination of diverse religious discourses and literacies and how they construct and reflect identity based on cultural differences.

265 INTRODUCTION TO COGNITIVE SCIENCE: COMPUTERS, MINDS, BRAINS, AND ROBOTS OC-SMT 3 S
Inner Core req. MC-QR or one semester of Foreign Language req.
Explores fundamental principles from Psychology, Computer Science, Philosophy, Linguistics, Biology, that contribute to the scientific study of intelligent systems (minds).

298 PROFESSIONAL PRACTICE: INTERNSHIP/ COOPERATIVE EDUCATION 1-6 F,S,Sum
Jr standing req.
Interdisciplinary directed project or on-the-job experience related to student's career interests under the supervision of internship coordinator or faculty of one or more departments.

398.01 PROFESSIONAL PRACTICE INTERNSHIP/ COOPERATIVE EDUCATION OR CO-OP IN PEACE STUDIES AND CONFLICT RESOLUTION 3-6 F,S
IDS 111 and Minor in Peace and Conflict Resolution Studies req.
Practical experience, preferably in an international, national or local organization where peacemaking conflict resolution skills are required and learned.

National Student Exchange Programs

222 NATIONAL STUDENT EXCHANGE 12-16 F,S
Min soph standing; 2.50 GPA req. Participation in National Student Exchange program. Study for 1 semester or 1 year at another university, paying tuition and fees at Illinois State University.

223 NATIONAL STUDENT EXCHANGE 12-16 F,S
Min soph standing; 2.50 GPA req. Participation in National Student Exchange program. Study for 1 semester or 1 year at another university, paying tuition and fees at that university.

225 NATIONAL COLLEGIATE HONORS EXCHANGE 1-6 F,S
Participation in Illinois State Honors Program.
Honors study for one semester at another university.

Semester Study Abroad Programs

230 INTERNATIONAL EXCHANGE 12-15 F,S
Study for 1 semester or 1 year in another country.

CURTIN UNIVERSITY OF TECHNOLOGY, PERTH, WESTERN AUSTRALIA 12-15 F,S
Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

EDITH COWAN UNIVERSITY, PERTH, WESTERN AUSTRALIA 12-15 F,S
Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

GRIFFITH UNIVERSITY QUEENSLAND, AUSTRALIA 12-15 F,S
Semester/year program. A wide variety of undergraduate and graduate courses are offered for elective and major field credit.

SALZBURG COLLEGE, SALZBURG, AUSTRIA 15-17 F,S
Semester/year program focusing on social sciences, business, communication, humanities, and fine arts. Elective and major field credit available. Courses taught in English.

DALHOUSIE UNIVERSITY, HALIFAX, NOVA SCOTIA - CANADA 12-15 F,S
Semester/year program. A variety of undergraduate and graduate courses in Business are offered for elective and major field credit.

BIRKBECK, UNIVERSITY OF LONDON, LONDON, ENGLAND 16 F,S
Semester program focusing on British courses in a variety of academic areas. Internships available in arts management, business, media and communication.

BRIGHTON UNIVERSITY, EASTBOURNE, ENGLAND 12-15 F,S
Semester program. Elementary and Early Childhood Education Student Teaching. All programs are coordinated by the Brighton University.

CANTERBURY CHRIST CHURCH UNIVERSITY, CANTERBURY, ENGLAND 12-15 F,S
Semester program. Undergraduate courses in art, history, literature, culture, and geography.

LEICESTER UNIVERSITY, LEICESTER, ENGLAND 15 F
Semester/year program offering courses in a wide variety of undergraduate disciplines for major and minor credit.

UNIVERSITY OF SUNDERLAND, SUNDERLAND, ENGLAND 15 F,S
Semester/year program. A wide variety of major/minor credits available.

L'UNIVERSITE CATHOLIQUE, DE L'OUEST D'ANGERS, ANGERS, FRANCE 15 F,S
Semester/year program focusing on French language, culture and civilization.

L'ECOLE SUPERIEURE DES SCIENCE COMMERCIALES D'ANGERS, ANGERS, FRANCE 12-15 S
Spring program. A variety of undergraduate courses in Business and French language are offered for elective and major field credit.

UNIVERSITY OF BONN, BONN, GERMANY 12 F,S
Semester/year program. German language program open to juniors, seniors and graduate students. Maj/min in German language and literature; must have completed 211.13 and 213.13 before leaving for the program.

UNIVERSITAT GESAMTHOCHSCHULE PADERBORN, PADERBORN GERMANY 12-15 F,S
Spring program offering Business courses in both English and German. Students will be enrolled in a three-month intensive German language course.

UNIVERSITY OF HONG KONG, HONG KONG 12-15 F,S
Semester/year program. A wide variety of courses are offered in English. Chinese language courses are available.

L'ECOLE SUPERIEURE DES SCIENCE COMMERCIALES D'ANGERS BUDAPEST, HUNGARY 12-15 F,S
Semester/year program. A variety of undergraduate courses in Business are offered for elective and major field credit.

UNIVERSITY OF LIMERICK, LIMERICK, IRELAND 12-15 F,S
Semester/year program offering courses in a wide variety of disciplines for major/minor field credit.

SCUOLA LORENZO DE'MEDICI, FLORENCE, ITALY 12-15 F,S
Semester/year program. Italian language, business, communication, culture, civilization, art history, studio art. Courses offered in English. Maj/min field credit available in art.

KANSAI GAIDAI UNIVERSITY, HIRAKATA, JAPAN 14-17 F,S
Semester/year program. A wide variety of courses are offered in English. Previous language experience not required. Intensive Japanese language courses available for Foreign Language credit.

NAGOYA GAKUIN UNIVERSITY, NAGOYA, JAPAN **15-17 F,S**
Semester/year program offering courses in Japanese Language and Civilization. Students must take an intensive Japanese language course.

NANZAN UNIVERSITY, NAGOYA, JAPAN **15-17 F,S**
Semester/year program. A wide variety of courses are offered in English. Students must take 10 hours of intensive Japanese language.

DONG AH COLLEGE OF BROADCASTING, ANSUNG CITY, KOREA **12-15 F,S**
Semester/year program. A variety of undergraduate courses in Communication are offered for elective and major field credit.

STIRLING UNIVERSITY, STIRLING, SCOTLAND **15 F,S**
Semester/year program. Courses for maj/min field credit are available in many departments. Students take 3 courses per semester, each worth 5 credit hours.

UNIVERSIDAD COMPLUTENSE DE MADRID, MADRID, SPAIN **12 F,S**
Compl SPA 116.15 or equivalent req.
Semester/year program focusing on Spanish language, culture and civilization.

UPPSALA UNIVERSITY, UPPSALA, SWEDEN **15 F,S**
Semester/year program offering courses in a wide variety of disciplines for maj/min field credit. Courses are taught in English. Special course in Swedish civilization offered during fall semester.

NOTE: Summer programs all over the world give students the opportunity to earn 3-10 hours of credit. Consult with an advisor in International Studies for additional information.



UNIVERSITY-WIDE TEACHER EDUCATION

Chair, Council for Teacher Education: Deborah Curtis, Dean, College of Education
506 DeGarmo Hall, Campus Box 5300
(309) 438-5415

Web site: coe.ilstu.edu/teachereducation/

Realizing the Democratic Ideal: Teacher Education at Illinois State University

Illinois State University has a historic and enduring commitment to educate teachers who will be responsive to the moral and intellectual demands a democratic society places upon them. To teach in a democracy is self-consciously to take up the burden of improving the moral and intellectual quality of our societal dialogue by including in it as many educated voices as possible.

The democratic ideal unites caring and knowing: the more voices we elicit and the less fettered the mutual exchange among those voices becomes, the truer our convictions and conclusions will be. This is, in a way, a democratic article of faith, and it is why Illinois State graduates aspire to teach everyone, especially those on the margins, those who have been or are in danger of being excluded.

This democratic conception of education informs all aspects of teacher education at the University. The kind of teacher appropriate to the challenges and rewards of teaching in a democratic society unites the moral and intellectual aspects of teaching by embodying what one might call their virtues.

The moral virtues are:

- sensitivity toward the varieties of individual and cultural diversity;
- disposition and ability to collaborate ethically and effectively with others;
- reverence for learning and a seriousness of personal, professional, and public purpose; and
- respect for learners of all ages including a special regard for children and adolescents.

The intellectual virtues are:

- wide general knowledge and deep knowledge of the content to be taught;
- knowledge and appreciation of the diversity among learners;
- understanding what affects learning and appropriate teaching strategies;
- interest in and ability to seek out informational, technological, and collegial resources; and
- contagious intellectual enthusiasm and courage enough to be creative.

Of the challenges facing teachers in the next millennium, none is more pressing than for them to develop and maintain a strong sense of their moral and intellectual roots—a professional identity. Toward this end, Illinois State University prepares teachers who have a strong sense of themselves and their mission as teachers; through caring and knowing they realize the democratic ideal. This, along with a high level of competence in their chosen areas, makes them teachers for whom we are thankful and of whom we are proud.

Undergraduate students interested in preparing for teaching careers in the public schools should consult this *Undergraduate Catalog* or contact the Teacher Education Coordinator of the department or school in which they desire certification. Contact the Teacher Education Center, 56 DeGarmo Hall, (309) 438-5416, for information about admission to the Teacher Education programs of the University and certification requirements. Students interested in preparing for teaching careers in colleges and universities should consult academic advisors in the discipline that they plan to teach for information concerning appropriate graduate degree preparation.

Federal regulations require that all Illinois teacher preparation programs report candidate test scores to the Illinois State Board of Education annually on April 7; the state in turn reports scores to the United States Department of Education annually on October 7. The following April 7, the Secretary of Education will prepare a report for congress on the quality of the nation's teacher preparation programs.

Illinois State University reported the following scores on April 7, 2005:

- 2003-2004 Program Completers: 1,047
- Basic Skills: 1,045 tested, 1,044 passed = 100% pass rate
- Assessment of Professional Teaching: 1004 tested, 990 passed = 99% pass rate
- Academic Content Areas: 859 tested, 857 passed = 99% pass rate
- Other Content Areas: 57 tested, 57 passed = 100% pass rate
- Teaching Special Populations: 82 tested, 78 passed = 95% pass rate
- Summary Totals and Pass Rate: 1,047 tested, 1,027 passed = 98% pass rate
- 2003-2004 Alternative Route Completers: 11; Basic Skills, 100%; Assessment of Professional Teaching 100%; Academic Content Areas, 100%.

For current information, see the teacher education Web site: coe.ilstu.edu/cecp.

Performance-Based Assessment System

Effective Fall 2002, the Council for Teacher Education began implementation of its newly adopted Teacher Education Performance-Based Assessment System. This system meets accreditation standards, as stipulated by the Illinois State Board of Education (ISBE) and the National Council for the Accreditation of Teacher Education (NCATE).

The performance-based assessment system was implemented as of Fall 2002, with continuous review by the University Teacher Education Assessment Committee, which reports to Council for Teacher Education. Council for Teacher Education approves and monitors the system.

The system establishes critical points at which candidates for teacher certification will be assessed: Admission to Professional Studies, Admission to Student Teaching (clinical practice), Exit from Student Teaching (clinical practice), and Exit from the Program. This system ensures that candidates possess the knowledge, skills, performances, and dispositions requisite for successful teaching careers. When Illinois State University recommends a candidate for teacher certification, the entire university has prepared that teacher.

For Admission to Professional Studies, candidates will, in addition to meeting all program requirements as noted in applicable sections of this catalog:

- complete 30 hours of course work successfully;
- present documented evidence of successful experiences with children and youth;
- submit a reflective essay on entry-level dispositions to teach relative to the "Realizing the Democratic Ideal," to be retained in an electronic portfolio;
- pass the basic skills test required for ISBE teacher certification;
- attain and retain a minimum cumulative and major GPA as designated by the selected teacher certification program, typically no less than 2.50;
- complete the Assessment of Legal and Ethical Conduct form;
- complete English 101 and Communication 110, with a grade of C or better, and with technology proficiencies included in each course;
- meet other performance indicators as determined by Council for Teacher Education and/or individual teacher preparation programs; and,
- attain departmental approval;
- some programs require a negative TB test at this point (check with your advisor);
- complete select Instructional Technology Passport System requirements; and
- complete a teacher education orientation.

For Admission to Student Teaching/Clinical Practice, successful candidates will:

- pass the ISBE Content Area Test(s), to ensure content knowledge;
- file an Illinois State Police Criminal Background Check;
- file verification of a negative TB test;
- verify having completed clinical experiences commensurate with attaining local, state, and national standards (a minimum of 100 hours is required);
- complete additional technology competencies and add to the electronic portfolio;
- develop an Instructional Analysis for Inclusion of Students with Disabilities Project;
- pass the University Writing Exam;
- complete the Literacy Assessment; and
- meet other performance indicators as determined by the Council for Teacher Education and/or individual teacher preparation programs.

For Exit from Student Teaching/Clinical Practice, candidates will:

- complete student teaching/clinical practice with a grade of C or better;
- meet all requirements of the final unit-wide student teaching assessment.
- revise the reflective essay on dispositions;
- pass any additional tests for certification required by the state;
- complete all technology competencies as specified by the Performance Based Assessment System;
- complete the Multicultural/Diversity Assessment; and,
- meet other performance indicators as determined by Council for Teacher Education and/or individual teacher preparation programs.

For Exit from the Program the successful candidates will:

- meet all university graduation requirements as noted in the applicable sections of this catalog;
- meet all program graduation requirements as noted in the applicable sections of this catalog; and,
- meet other performance indicators as determined by the Council for Teacher Education and/or individual teacher preparation programs.

The information on Performance-Based Assessment supplements additional information

already present in the catalog, found under University-Wide Teacher Education and with information for each individual teacher education program. The Council for Teacher Education reserves the right to modify performance assessment indicators in response to state and national accreditation mandates. Candidates should consult their program advisors for specific requirements and updates on state or national mandates.

Details regarding the performance-based assessment system are available at the teacher education Web site.

Program Requirements

This section of the *Undergraduate Catalog* provides information needed by students in Teacher Education programs. Students seeking further information or clarification of information presented here should contact the Office of Clinical Experiences and Certification Processes (CECP), located in the Teacher Education Center in DeGarmo Hall. Information pertaining to requirements for admission and retention in Teacher Education and matters related to certification in Illinois State University graduate programs is provided by the CECP Office. Matters related to certification at the undergraduate level are provided by the Evaluations Office. For additional information on Teacher Education at Illinois State University, see requirements in this catalog.

Each student who completes a bachelor's degree program in an approved Teacher Education program, and who is recommended for certification by the Dean of the College of Education as having completed all requirements (General Education, Professional Education, and field of study or area of specialization) is recommended for a teaching certificate in the State of Illinois. When a student has completed all of the requirements for a degree, including a recommendation from the Dean of the College of Education, the Evaluations Office at Illinois State University will send to the student the documentation necessary to apply for the appropriate Illinois Teaching Certificate. In order to satisfy Illinois certification requirements, all candidates must pass a test of basic skills (reading, writing, language arts, and mathematics), a subject matter knowledge test, and an assessment of professional teaching test all administered by the Illinois State Board of Education.

Students who have already completed one or more non-teaching degrees and now seek admission to a teacher education program are advised to seek admission to the University as a candidate for a second bachelor's degree, certification only. Subsequent transcript analysis may determine that a second degree is not required. In this instance, the student who received a degree from a state Teacher Education approved institution will be allowed to complete the requirements for certification without completing the requirements of the second bachelor's degree. Students are advised that the Teacher Education certification requirements provided here are for Illinois and that they should check certification requirements for other states if they desire to be certified for teaching elsewhere.

Students who complete a bachelor's degree program in Teacher Education at Illinois State University also have their transcripts stamped, "Student has completed a state and NCATE approved program in Teacher Education." (NCATE is the National Council for Accreditation of Teacher Education). This statement indicates that the program has received state approval and national accreditation. This status usually makes it easier to obtain a teaching certificate in another state.

NOTE: Certified teachers may be eligible for endorsements from the Illinois State Board of Education by transcript evaluation. For previously certified teachers seeking a subsequent certificate, this individual should apply to Illinois State University as a second bachelors' degree, certificate only candidate.

Individuals convicted of a felony or any sex, narcotics, or drug offense should contact the Office of Clinical Experiences prior to application for Admission to Professional Studies. *Applicants convicted of certain types of crimes may not be approved for certification by the Illinois State Board of Education.*

Certification Programs

Students who fail to maintain the specific GPA required by their teaching or other certification program may be dismissed from that program. At the option of the department, students dropped from the program may pursue a degree in their major or be classified as General Students and will receive academic advisement from the Academic Advisement Center. In order to become candidates for a certification program after being dropped, students must be accepted by the department or school in which they desire to pursue a certification program.

Council for Teacher Education

The Council for Teacher Education is responsible for developing requirements for Teacher Education and for providing avenues of communication among all of the areas of the University concerned with Teacher Education. The Dean of the College of Education serves as the University's

certification officer and is responsible for maintaining the relationship between campus programs and state certification officials.

Admission Procedures:

Students may monitor and assess their status regarding Admission to Professional Studies through the use of a mainframe computer terminal. For specific directions and accompanying documents, please contact the Office of Clinical Experiences and Certification Processes, in DeGarmo Hall. Students should check with the major department or school regarding specific departmental procedures and requirements for Admission to Professional Studies. Additionally, students may be requested to complete the following:

a. Interviews: All students should be available for interviews upon request.
b. Entrance, Psychological, or Aptitude Exams: Students may be requested to take certain examinations for the purpose of assessing potential for teacher preparation and educational careers.

Students who are denied Admission to Professional Studies or student teaching may file a petition for a hearing. Specific information regarding procedures for a hearing in accordance with the requirements of the Council for Teacher Education may be obtained in the Office of Clinical Experiences and Certification Processes.

Selective Retention

Students are required to maintain the qualification requirements for Admission to Professional Studies from the point of admission to the point of certification.

Admission to Professional Studies is a prerequisite for enrollment in certain courses of the program. The prerequisite is listed in this *Undergraduate Catalog* for each of the specified courses.

A student must be formally admitted to Professional Studies and have satisfied all stipulated prerequisites prior to being assigned to student teaching.

APPROVED TEACHER EDUCATION PROGRAMS

The following list includes all undergraduate Teacher Education programs approved by the State of Illinois and the National Council for Accreditation of Teacher Education (NCATE).

Early Childhood Education: (This certificate extends from Birth through Grade 3).

Elementary (K-9): Elementary Education; Middle Level; Bilingual Elementary Education —Spanish.

Secondary (6-12): Agriculture; Biological Sciences; Business Teacher Education; Chemistry; English; Family and Consumer Sciences; Geography; Health Education; History Education; Technology Education; Mathematics; Physics; Social Sciences (including History); Theatre.

Special (K-12): Art; Business Education; French; German; Music; Physical Education; Spanish; Specialist in Learning Behavior (LBS1); Specialist in Deaf and Hard of Hearing; Specialist in Low Vision and Blindness.

NOTE: Teaching certificates are available at the graduate level for Reading Specialist, Alternative Route for secondary teaching certification and Learning Behavior Specialist II. Graduate level certification programs are also available for School Psychology, Speech and Language Impaired, and School Administration.

Teacher Education Major and Minor:

To receive a certificate a student must complete a Teacher Education sequence for one of the majors listed previously. A student may also complete requirements for any other major or minor.

Students seeking a high school teaching certificate through one of the following fields must also complete the requirements for a second teaching field: Health, Physics, Speech, and Theatre.

A grade point of 2.50 or higher is required in both the first and second teaching fields. The respective department or school will provide information on course work needed to complete the second teaching field.

Endorsements: The minimum course requirements for teaching fields for elementary and high school certificates are defined by the State of Illinois and are listed on the certificate as an endorsement. One or more endorsements may be earned by completing requirements for the elementary or high school certification programs at Illinois State University. Additional endorsements may be earned through the completion of the specified course work, and in most cases, by passing the State content test in the endorsement area. The Illinois Board of Education determines this process. Contact your advisor for information on requirements for endorsements.

General Education

To meet certification requirements of the Illinois State Board of Education, all Teacher Education programs must meet general education requirements defined for the institution's approved entitlement programs. Effective fall 1998, all native students entering Illinois State University will complete the University's General Education Program. For teacher education students, completion of Illinois State University's General Education Program ensures that the general education requirements for teacher certification have been met.

Transfer Students:

Several options satisfy general education requirements for certification relative to transfer students. The Illinois Articulation Initiative General Education program, including a global perspective course, may be the general education component for Illinois State entitlement programs for the transfer student who does not choose to complete the University's general education program. Other options include Illinois State's University Studies general education (97-98 or earlier catalogs), an approved baccalaureate-oriented A.A., A.S., A.A.T. or a bachelor's degree from a regional accredited institution, including a global perspective course. All of these options must include at least one global perspective course (Non-Western Studies). Completion of a course for the Global Studies graduation requirement will meet this requirement.

Completion of General Education Program requirements does not ensure that the requirements for certification have been met. Students are reminded that some courses are required by specific programs: Introductory Psychology is a prerequisite for Educational Psychology; a grade of C or better in an English Composition course and a Speech course are required for Admission to Professional Studies.

CERTIFICATES

(See also Performance Based Assessment System)

Early Childhood Education (Type 04) (Age 0-Grade 3)

Candidates completing the Early Childhood Education Major will earn a certificate for teaching in preschool through grade 3. To complete the requirements for this certificate, the student must complete (1) the General Education requirements for an Early Childhood certificate and (2) the Major and Professional Education requirements for an Early Childhood Education Major. The General Education requirements for transfer students are listed in the previous section. Students should work closely with an advisor in selecting courses which will meet the General Education Program requirements for certification. Major and Professional Education requirements are provided in the Department of Curriculum and Instruction section of this *Undergraduate Catalog.* Students will also show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards.

Elementary School (Type 03) (Grades K-9)

Candidates completing the Elementary Education Major will earn a certificate for teaching in kindergarten through ninth grade. The student must also complete requirements for one or more endorsements to teach upper-level elementary/middle level subjects. To complete the requirements for this certificate, the student must complete: (1) the General Education requirements for an Elementary certificate, and (2) the Major and Professional Education requirements for the Elementary Education Major. Previously listed are the requirements for General Education for Elementary Education certification for transfer students. Students should work closely with an advisor in selecting courses which will fulfill the requirements of General Education for certification. Optional endorsements, Major and Professional Education requirements are provided in the Department of Curriculum and Instruction section of this *Undergraduate Catalog.* Students will also show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Requirements for endorsements are available from Curriculum and Instruction departmental advisors. Endorsements to the certificate are required in order to teach departmentalized courses in the upper elementary, middle-level schools. An Elementary Education major who completes the requirements for a B.S. or B.S. in Education degree and completes the proposed required courses for the bilingual/bicultural sequence, may be certified as an elementary school teacher with bilingual/bicultural approval.

Middle Level Teacher Education (Type 03) (Grades K-9)

Candidates completing the Middle Level Teacher Education Major will earn a certificate for teaching in kindergarten through ninth grade with two or more endorsements to teach upper-elementary/middle level subjects. To complete the

requirements for this certificate, the student must complete (1) the General Education requirements for an Elementary certificate, (2) the Major and Professional Education requirements for the Middle Level Teacher Education Major, and (3) specialization requirements. The requirements for General Education for transfer students are listed in the previous section for Elementary Education certification. Students should work closely with an advisor in selecting courses which will meet the requirements of General Education Program, General Education for certification, and specialization. Major and Professional Education requirements are provided in the Department of Curriculum and Instruction section of the *Undergraduate Catalog*. Students will also show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards.

Students in the program may prepare to teach in selected subject areas of the middle level school: Language Arts, Science, Social Studies, Health, Physical Education, Mathematics, Industrial Arts, Art, and Reading. See the description for the Middle Level Teacher Education program in the Curriculum and Instruction section of the *Undergraduate Catalog*. Students should confer with their academic advisors when selecting courses in the areas of concentration so that such courses may enable them to meet the Illinois State Board of Education requirements for endorsements. A certificate must be endorsed in order to teach middle level and/or departmentalized upper elementary.

High School (Type 09) (Grades 6-12)

Candidates completing a Teacher Education sequence of a specified major will earn a certificate for teaching grades 6-12. To complete requirements for this certificate, the student must complete (1) the General Education requirements for High School Certificates, (2) the Professional Education requirements for Secondary Majors, and (3) field of study requirements. The requirements for General Education for transfer students are previously listed. Professional Education and field of study requirements are listed in the following section.

Students seeking secondary education certification (6-12) interested in teaching in a departmental Middle Level School will need a Middle Level Teacher Education endorsement after July 1, 1997. For specific details, contact the Teacher Education advisor in the respective academic area.

Professional Education Requirements:

Each student preparing to teach at the K-12 level must complete the following courses: EAF 228 or 231 or 235 (3 hours); PSY 215 (3 hours) for Art Education, Physical Education, and Special Education; and C&I 210 for Business Education, Music Education and Foreign Languages programs; C&I 212 (2 hours), 214 (3 hours) except for Music, 216 (3 hours) except for Music; Student Teaching 399; and all Professional Education courses must be passed with a grade of C or higher. Students will also show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Special Methods courses are listed as part of the academic major. Courses to meet Professional Education requirements may not be taken for credit/no credit.

FIELDS OF STUDY

Fields of Study Requirements:

The student must complete a Teacher Education sequence of a specified major to earn a 6-12 teaching certificate. The approved Teacher Education Major or Comprehensive Major may be selected from the following programs which are described in detail in the undergraduate Fields of Study section of this *Undergraduate Catalog*. Education minors or a second major may be elected by any student.

Fields of Study:

Agriculture—Education Major
Art—Education Minor
Biological Sciences—Education Major and Education Minor
Business Teacher Education—Education Major and Education Minor
Chemistry—Education Major and Education Minor
Communication Studies—Education Major and Education Minor
English—Education Major and Education Minor
Family and Consumer Sciences—Education Major
French—Education Major and Education Minor
Geography—Education Major and Education Minor
Geology—Earth and Space Science Education Major
German—Education Major and Education Minor
Health—Education Major and Education Minor
History—Education Major and Education Minor
Mathematics—Education Major and Education Minor
Physics—Education Major and Education Minor
Social Sciences—Education Major
Spanish—Education Major and Education Minor
Teaching English as a Second Language—Education Minor
Technology—Education Major and Education Minor
Theatre—Education Major and Education Minor

Students should confer with their academic advisors when selecting courses in the minor area so that such courses may enable them to meet requirements of the Illinois State Board of

Education endorsements which must be satisfied in order to teach in high schools in Illinois. This process is currently under review at the Illinois Board of Education. Requirements of endorsements are available from department advisors and from University College Academic Advisement.

Special (Grades K-12) - other than Special Education (Type 10)

Candidates completing a comprehensive major in selected fields of study may earn a certificate for teaching the subjects named therein in all grades of the common school. To complete requirements for this certificate, the student must complete (1) the General Education requirements for a High School Certificate, (2) the Professional Education requirements for K-12 majors, and (3) field of study requirements. The requirements for General Education for transfer students are previously listed. Professional Education and field of study requirements are listed in the following section.

Professional Education Requirements:

Each student preparing to teach at the K-12 level must complete the following Program: EAF 228 or 231 or 235 (3 hours); PSY 215 (3 hours) for Art Education, Physical Education, and Special Education; and C&I 210 for Business Education, Music Education and Foreign Languages programs; C&I 212 (2 hours), 214 (3 hours) except for Music, 216 (3 hours) except for Music; Student Teaching 399; and all Professional Education courses must be passed with a grade of C or higher. Students will also show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students enrolled in Special K-12 programs will be assigned to do student teaching in K-12 sites. Courses to meet the Professional Education requirement may not be taken for Credit/No credit. K-12 Music majors are not required to complete C&I 214 or 216.

Fields of Study Requirements:

An approved Teacher Education program for students enrolled in a Special K-12 Program may be selected from the following programs which are described in detail in the undergraduate Fields of Study section of the *Undergraduate Catalog:*

Art—Comprehensive Education Major
Business Teacher Education—Business Teacher Education Major
Foreign Languages—Education Major
Music—Education Major
Physical Education—Education Major

Students who complete one of the programs above and earn a K-12 certificate may teach only in that area. Students may add endorsements to a K-12 certificate. Students should confer with their academic advisors when selecting courses in the minor area so that such courses may enable them to meet requirements of the Illinois State Board of Education.

Special Education (P-21 or K-12) (Type 10)

Students in Special Education may complete a sequence in any of the following areas: Specialist in Learning and Behavior, Specialist in Deaf and Hard of Hearing, and Specialist in Low Vision and Blindness. To ensure full certification, the pattern of preparation should include General Education as previously described for transfer students, and the Professional Education and Area of Specialization requirements described in the Special Education section of this *Undergraduate Catalog.*

All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students enrolled in the approved Special Education sequences will be assigned to do student teaching in K-12 sites.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Observation, participation, studies of individual pupils, simulated teaching, individual field work, student teaching and practicum are included in the Clinical Experiences program. The experiences offered prior to student teaching are usually integral parts of specific college courses. Clinical Experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Office of Clinical Experiences and Certification Processes coordinates all placements for Clinical Experiences. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description in this *Undergraduate Catalog.* The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one on one contact

3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

STUDENT TEACHING REQUIREMENTS

The following applies to all those student teaching:

The minimum requirement in student teaching is full-day for at least 10 weeks (e.g., a minimum of 50 attendance days). All assignments also require 36 clock hours of clinical work for each semester hour of credit (e.g., 10 semester hours—360 clock hours). More clock hours of clinical work are required in Speech Pathology.

The number of semester hours of student teaching required varies with the student's curriculum. A student does student teaching in his or her major field of study. A student must meet all eligibility requirements for student teaching in that major field.

The following requirements must be met prior to participation in student teaching. Students may be removed from the student teaching assignment if at any time these requirements are not met.

1. Approval for student teaching by the Director of Clinical Experiences and Certification Processes (CECP). This approval will include verification of all of the following:
    a. formal Admission to Professional Studies at least 1 semester prior to the beginning of the student teaching semester;
    b. successful completion at Illinois State University of at least 4 hours of Professional Education approved by the appropriate education department and the Director of CECP;
    c. a minimum of 85 hours of college credit earned;
    d. completion of pre-student teaching field experiences commensurate with attaining local, state, and national standards;
    e. a written application for student teaching filed in the Office of CECP at least 6 months prior to the planned student teaching semester;
    f. satisfactory completion of prerequisite courses to STT 399 (listed under University-wide Courses);
    g. meet all requirements of Admission to Professional Studies and Admission to Student Teaching as stated in the Performance-based Assessment System;
2. Approval for student teaching by the student's major department chairperson or school director or designee. This approval will be based on all of the following:
    a. has demonstrated content knowledge in the student's major area of study;
    b. possesses professional knowledge necessary for performing teaching responsibilities;
    c. has performed at an acceptable level during the pre-student teaching clinical experiences;
    d. shows evidence of professional characteristics and interpersonal skills necessary for working with children and youth;
    e. has completed all other departmental/school requirements, including minimum major GPA (see major department or school for additional requirements).

Student Teaching Assignments

The University will assign student teachers to selected schools or professional development centers in Illinois during regular semesters. Personnel of the Office of Clinical Experiences and Certification Processes, in cooperation with the head of the student's major department or school, make the student teaching assignments and perform procedures related to student teaching. Teacher candidates may not self-place. Student teachers are assigned only to classrooms that have regularly employed full time and fully qualified teachers. Assignments are not made to a school in which the student teacher is concurrently employed as a teacher. A student teacher should not earn academic credit or receive a salary or an income for the same teaching experience.

During this period in the school, the student teacher works with one or more cooperating teachers who are responsible for teaching a specific group or groups of pupils. These cooperating teachers, along with the college supervisors, have responsibility for guiding and evaluating the work of the student teacher. During this experience, the student becomes a member of the school staff and of the community in which he or she is working.

Any student who has a prolonged illness or temporary disability and who is unable to continue in his/her student teaching assignment should consult with the Director of the Office of Clinical Experiences. A clearance from a physician will be required stating that the student is again able to continue in his/her student teaching assignment without any contingencies.

The Director of Clinical Experiences, upon the recommendation of the college supervisor, chairperson, or director of the student's major department or school, may remove a student from the assignment or require a student to do additional work and continue student teaching until the student is sufficiently competent to be recommended for certification. Entitlement for certification is not an automatic procedure.

Student teaching assignments begin and end on the dates indicated in the student's official notice of assignment. Ordinarily, the student is expected to follow the school calendar of the school in which student teaching is done insofar as vacations and school holidays are concerned. Changes in dates involved in an assignment must receive the prior permission of the Director of Clinical Experiences.

A teacher education candidate for initial certification must earn a grade of C or better in student teaching in order for the Dean of the College of Education to recommend that the Evaluations Office send to the candidate the proper documentation to apply for the appropriate Illinois Teaching Certificate to be issued by the Illinois State Board of Education.

Complaints Regarding Teacher Education Matters:

For information on how to appeal department and college decisions regarding admission, retention, evaluation, and certification relative to Teacher Education, contact the Office of Clinical Experiences and Certification Processes, 56 DeGarmo Hall. All appeals regarding teacher education will be reviewed only by the Teacher Education Review Board/Council for Teacher Education.

Certification for Persons Who Have Been Convicted of a Crime:

Students who have been convicted of felonies or any sex, narcotics or drug offenses may be ineligible for certification in the State of Illinois. If candidates can answer "yes" to any of the following questions, they must contact the Director of the Office of Clinical Experiences in DeGarmo Hall prior to application for Admission to Professional Studies:

Have you ever been convicted of a felony, or any sex, narcotics or drug offense in Illinois or any other state? Have you ever been named by a state agency responsible for child welfare as a perpetrator in an indicated report of child abuse or neglect if such report was not reversed after exhaustion of any appeal? Are you in default on an Illinois student loan for which you have failed to establish a satisfactory repayment plan with the Illinois Student Assistance Commission? Have you ever had a certificate denied, suspended or revoked in Illinois or any other state? Have you failed to file a tax return with the Illinois Department of Revenue, or failed to pay any tax, penalty, or interest owed or any final assessment of same for any tax as required by law administered by that Department was not subsequently resolved to the Department's satisfaction?

In many cases such offenders may become certified as teachers in the State of Illinois if the offense is not one which bars the person from certification and employment in public schools and if the institution has followed certain procedures. According to the Illinois State Board of Education, institutions should have information regarding convictions at the beginning of a student's career in teacher education. This allows the institution time to observe the student's performance and the State Board time to determine whether the conviction is one which would bar an individual from employment in a public school or from certification.The Council for Teacher Education at Illinois State University has established strong standards for admission and retention in teacher education programs. Beyond the criteria listed above for state certification issues related to criminal convictions, any teacher candidate who has two or more criminal convictions in the preceding three years may be refused progress through a teacher education program at Illinois State University. When a teacher candidate has one conviction in the preceding three years, letters of recommendation must be gathered attesting to the candidate's good character. If there is any question about these standards, please contact the Director of Clinical Experiences and Certification Processes in the Teacher Education Center, Room 56, DeGarmo Hall, as early as possible.

COLLEGE OF APPLIED SCIENCE AND TECHNOLOGY

Dean: J. Robert Rossman, 143 Turner Hall.
Associate Deans: Deborah B. Gentry, Jeffrey A. Wood

The College of Applied Science and Technology is home to eight departments that offer programs to prepare students for professional and technical positions in education, government, business, and industry. Five departments in the College also offer teacher preparation programs. Faculty in the College are dedicated to the personal and academic development of their students as well as the discovery and application of theoretical knowledge and the advancement of professional practice in their respective areas. This is accomplished through a dynamic partnership of interdisciplinary learning, scholarship, and service that is built on a collaboration among students, faculty, and members of the professional community.

The Departments of Agriculture; Criminal Justice Sciences; Family and Consumer Sciences; Health Sciences; Military Science; and Technology are in the College. The Schools of Information Technology and Kinesiology and Recreation are also located in the College.

The College offers graduate programs in six units including Agriculture; Criminal Justice Sciences; Family and Consumer Sciences; Information Technology; Kinesiology and Recreation; and Technology. Descriptions and requirements of these programs may be found in the *2006-2007 Graduate Catalog*.

AGRICULTURE (AGR) 502

125 Ropp Agriculture Building, (309) 438-5654

Web address: www.agriculture.ilstu.edu
Email address: isuagr@ilstu.edu

Chairperson: Patrick D. O'Rourke.
Tenured/Tenure-track Faculty:
Professors: O'Rourke, Tudor, Walker, Whitacre, Winter, Wood.
Associate Professors: Moore, Rhykerd, Smiciklas.
Assistant Professors: Bachman, Spaulding, Wiegand.

General Department Information

HONORS IN AGRICULTURE

Departmental Honors in Agriculture is available to qualified juniors and seniors. The student completing the Honors Program graduation requirements will graduate "with Honors in Agriculture," which will be indicated on the student's official transcript and diploma. Admission to the Honors Program in Agriculture requires a minimum of sixty (60) semester hours of post-secondary courses with a cumulative grade point average of 3.50 or higher on a 4.00 scale. In order to graduate as an Honors Graduate in Agriculture, a student must fulfill the general requirements for participation in the University Honors Program. Students must also have a cumulative grade point average of 3.50 or higher; a cumulative grade point of 3.70 or higher for all courses taken in the Department of Agriculture; successfully completed two in-course honors in 200-level or higher courses in the student's technical area; successfully completed one in-course honors course in a 200-level or higher course offered outside the Department of Agriculture; and successfully completed a minimum of three credit hours of AGR 299, Independent Study. The Department of Agriculture offers in-course honors work in all its courses for students enrolled in the University Honors Program or in any departmental honors program. In-course work is offered at the discretion of the instructor.

Agribusiness Program

Degree Offered: B.S.

MAJOR IN AGRIBUSINESS

Agribusiness Sequence:

— 36 hours in Agriculture and 19 hours in the College of Business and/or Department of Economics.
— Required courses: ACC 131; AGR 109, 110, 130, 150, 170; CHE 110 and 112, or 140; ECO 105; MAT 120.
— The student must complete a minimum of 12 semester hours (within the 36 required in Agriculture) in Agribusiness courses selected from AGR 213, 214, 215, 216, 310, 311, 312, 313, 314, 315, 317, 318, 319, 320, 324. AGR 295, 394, and 395 do not count toward this major.
— The student must complete a minimum of 9 hours from a combination of Agricultural Engineering Technology, Agronomy, Animal Science, or Horticulture Science (in addition to AGR 130, 150, and 170).
— Non-business majors who desire to elect more than 30 hours of their course work in business must meet all College of Business requirements for graduation. These students should register for additional courses only in person and with the written permission of the College of Business advisor.

Food Industry Management Sequence:

— 36 hours in Agriculture and/or Family and Consumer Sciences and 19 hours in the College of Business and/or Department of Economics.
— Required courses: AGR 109, 110, 130, 150, 170, 271, 315, 317; ACC 131; AGR 205 or ITK 150; CHE 110 and 112, or 140; ECO 105; MAT 120.
— 12 hours from AGR 205, 214, 215, 257, 285, 314, 319,

324, 340; FCS 102, 113, 213, 316, 319, 332.
— AGR 295, 394, and 395 do not count toward this sequence.

Horticulture Sequence:

— 36 hours in Agriculture and 19 hours in the College of Business and/or Department of Economics.
— Required courses: AGR 109, 110, 120, 130, 157; AGR 150 or BSC 196 or 197 (AGR 150 preferred); ECO 105; ACC 131; FIL 185; MAT 120; CHE 110 and 112, or 140.
— 12 hours from AGR 252, 253, 254, 255, 256, 257, 260, 262, 352, 353, 355, 356.
— AGR 295, 394, and 395 do not count toward this sequence.

Agriculture Program

Degree Offered: B.S.

MAJOR IN AGRICULTURE

General Agriculture Sequence:

— 36 hours in Agriculture required.
— A minor or second major is required.
— Agriculture core required courses: AGR 109, 110, 130, 150, and 170.
— Additional required courses: BSC 196 or 197 (196 preferred); CHE 110 and 112, or 140.
— At least 1 additional course in each of 3 of the 4 following specialized areas of Agricultural Economics, Agricultural Engineering Technology, Agronomy, and Animal Science. AGR 295, 394, and 395 do not count toward this sequence.

Agriculture Industry Management Sequence:

— 55 hours in Agriculture or Agriculture and Industrial Technology required.
— Agriculture core required courses: AGR 109, 110, 130, 150, 170.
— Additional required courses: AGR 157 (required for Agronomy Industry Management Concentration) or 275 (required for Animal Industry Management Concentration) or TEC 110 (required for Agricultural Engineering Technology Management Concentration); CHE 110 and 112, or 140; ECO 105; MAT 119 or 120 or 144.
— 8 hours of Agriculture electives.
— 15 hours of Agribusiness (including AGR 110).
— 23 hours of Animal Science electives including AGR 170 and 275; **or** 23 hours of Agronomy electives including AGR 150 and 157; **or** 22 hours of Agriculture Engineering Technology or Industrial Technology (including AGR 130 and TEC 110).

Concentrations: Students selecting the Agriculture Industry Management Sequence may elect an Animal Industry Management Concentration or an Agronomy Industry Management Concentration or an Agriculture Engineering Technology Management Concentration. Students may choose courses from among the following lists for each concentration.

— **Animal Industry Management:** Animal Science courses (AGR 271, 272, 274, 275, 276, 280, 282, 283, 284, 285, 286, 288, 290, 363, 371, 372, 375, 378, 380, 381), Agribusiness courses (AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 317, 318, 319, 320, 324), and Agriculture electives (any courses offered by the Department of Agriculture except 295, 394, and 395).
— **Agronomic Industry Management:** Agronomy courses (AGR 157, 250, 251, 263, 272, 355, 357, 358, 363), Agribusiness courses (AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 317, 318, 319, 320, 324), and Agriculture electives (any courses offered by the Department of Agriculture except 295, 394, and 395).
— **Agriculture Engineering Technology Management:** Agricultural Engineering Technology and Industrial Technology courses (AGR 231, 232, 234, 235, 237, 340, 383; TEC 110, 111, 116, 130, 131, 151, 240, 263), Agribusiness courses (AGR 213, 214, 215, 216, 310, 312, 313, 314, 315, 317, 318, 319, 320, 324), and Agriculture electives (any courses offered by the Department of Agriculture except 295, 394, and 395).

Agricultural Science Sequence:

— 36 hours in Agriculture (including at least 20 hours in either Animal Science or Agronomy) and 25 hours in Biological Sciences, Chemistry, Physics or Mathematics.
— Agriculture core required courses: AGR 109, 110, 130, 150, 170.
— At least 3 senior-level hours from the Agribusiness area (213, 214, 215, 216, 310, 312, 313, 314, 315, 317, 318, 319, 320, 324).
— Additional required courses: AGR 272 or BSC 219; AGR 275 (required for Animal Science Concentration) or AGR 157 (required for Agronomy Concentration); AGR 363; MAT 120 or 144; CHE 110 and 112, or 140 and 141; CHE 220 or 230, and 231; CHE 242 or 342 or 280 (CHE 280 is recommended for the Agronomy Concentration); BSC 196 or 197; BSC 211 (recommended for Agronomy Concentration or 283 recommended for Animal Science Concentration).

Concentrations: Students selecting the Agriculture Science Sequence may elect an Animal Science Concentration or an Agronomy Concentration. Students may choose courses from among the following lists for each concentration.

— **Animal Science:** AGR 271, 272, 274, 275, 276, 280, 282, 283, 284, 285, 286, 288, 290, 363, 371, 372, 375, 378, 380, 381.
— **Agronomy:** AGR 157, 250, 251, 263, 272, 355, 356, 357, 358, 363.

Food Industry Science Sequence:

— 24 hours Agriculture and 12 hours in Family and Consumer Sciences.
— Required courses (36 hours): AGR 109, 110, 130, 150, 170, 271, 285, 317; FCS 113, 316, 319, 332.
— Additional required courses (23-27 hours): AGR 275 or

FCS 102; BSC 160 or 260; CHE 110 and 112 or 140 and 141; MAT 120; AGR 205 or ITK 150; BSC 196 or 197.
— AGR 295, 394, and 395 do not count toward this sequence.

Agriculture Education Sequence:

All Agriculture Education students planning to become certified teachers must apply for and be admitted to the University Professional Studies program (see Professional Studies Admission-Retention program section of this *Undergraduate Catalog*). A cumulative 2.50 GPA and 2.50 in the major are required for admission and retention in the sequence. Students are encouraged to consider a second certification in an academic area such as Biological Sciences, Chemistry or Mathematics.

— 55 hours in Agriculture required.
— Agriculture core required courses: AGR 109, 110, 130, 150, and 170.
— Additional required courses: AGR 120, 157, 190, 205, 214, 232, 275, 295, 394 and 395; BSC 196 or 197 (196 preferred); CHE 110 and 112, or 140.
— Professional Education requirements: EAF 228 or 231 or 235; PSY 215; C&I 212, 214, and 216; a minimum of 100 clock hours of approved pre-student teaching clinical experiences; and Student Teaching 399 (10 hours). All Professional Education courses must be passed with a grade of C or higher. Program leads to certification: Secondary 6-12.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN AGRICULTURE

— 24 hours in Agriculture required.
— Required courses: AGR 110, 130, 150, 170.

Agriculture Courses

In meeting program requirements in the Department of Agriculture, the student should note that the courses are considered in areas, as follows:

General courses: 109, 198, 201, 203, 205, 302, 303, 398.
Agribusiness: 110, 213, 214, 215, 216, 310, 311, 312, 313, 314, 315, 317, 318, 319, 320, 324.
Agricultural Education: 190, 295, 394, 395.
Agricultural Engineering Technology: 130, 231, 232, 234, 235, 237, 340, 383.
Agronomy: 150, 157, 250, 251, 263, 272, 352, 355, 357, 358, 360, 363.
Animal Science: 170, 271, 272, 274, 275, 276, 280, 282, 283, 284, 285, 286, 288, 290, 363, 371, 372, 375, 378, 380, 381.
Horticulture Science: 120, 150, 157, 252, 253, 254, 255, 256, 257, 260, 262, 352, 353, 355, 356.

109 INTRODUCTION TO THE AGRICULTURAL INDUSTRY 1 F,S
The development of agriculture as an industry; contributions of agriculture to society; the technology of the industry.

110 INTRODUCTORY AGRICULTURAL ECONOMICS 3 F,S
Fundamental principles of economics applied to agriculture, agriculture finance, prices, taxation, marketing, and land use.

120 INTRODUCTORY HORTICULTURE 3 F
Materials charge optional.
Introduction to principles and practices in development, production, and use of horticultural crops (fruits, vegetables, greenhouse, floral, turf, nursery, and landscape).

130 INTRODUCTION TO AGRICULTURAL ENGINEERING TECHNOLOGY 3 S
Lecture and lab. Materials charge optional.
Place of mechanics in agriculture. Examples, problems, discussions, and laboratory exercises in present and future mechanics applications.

150 PRINCIPLES OF AGRONOMY 4 F
Lecture and lab. Formerly INTRODUCTION TO PLANT SCIENCE.
Fundamentals of plant science; importance, classification, distribution, and production practices of the major crops of the world.

157 SOIL SCIENCE 4 S
CHE 110 and 112 or equiv req. Lecture and lab.
Origin and formation, physical and chemical properties, moisture relationships, liming and fertilizing soils. Chemical and physical tests of soils.

170 INTRODUCTION TO ANIMAL SCIENCE 4 F or S
Lecture and lab.
Breeding, selection, genetics, nutrition, physiology, and production of farm animals. Fundamentals of animal science.

190 INTRODUCTION TO AGRICULTURAL EDUCATION 2 S
Incl Clin Exp: 10 hrs, Type 1, 5, 6.
Introduction to agricultural teaching profession, overview of the total agricultural program, philosophical base of education process, and teaching special-need students.

198 PROFESSIONAL PRACTICE: FARM INTERNSHIP 1-6 F,S,Summer
Maj only. Approved application req. CR/NC only. Min 45 hrs experience/hr credit.
Experience in basic agricultural operations.

201 RESOURCES, FOOD, AND SOCIETY: A GLOBAL PERSPECTIVE MC-IS 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option.
Food and fiber production and distribution problems, policies, and processes analyzed within social, economic, political, and cultural contexts of societies.

203 AGRICULTURE AND THE ENVIRONMENT OC-SMT 3 F,S
Inner Core req. MC-IS category req.
Examination of contemporary environmental issues that are strongly linked to current and past agricultural practices.

205 MICROCOMPUTER APPLICATIONS IN AGRICULTURE 3 F,S
AGR 110, 130, 150, and 170 req.
Introduction to microcomputer applications specific to agriculture.

213 FARM MANAGEMENT 3 F,S
Factors of production, such as equipment, labor distribution, cropping systems, and soils; organization and operation; types of farming.

214 AGRICULTURE MARKETING 3 F,S
Markets, price-making forces, reasons for existing practices, marketing services, and cooperative marketing.

215 FARM SUPPLY AND FOOD INDUSTRY MANAGEMENT 3 F,S
ACC 131 or AGR 216 or cons inst req. Formerly AGRIBUSINESS OPERATIONS.
Tools for profitable management of corporate and proprietary farm supply and food industry agribusinesses.

216 FARM ACCOUNTING 3 F,S
Standard farm business accounting methods and procedures, financial measures of success, inventories, depreciation, net worth, income tax, budgeting and cash flow, and business analysis.

231 AGRICULTURAL CONSTRUCTION AND MAINTENANCE 3 S
AGR 130 req. Lecture and lab. Offered even numbered years.
Selection, use, and maintenance of hand and power tools and equipment for construction and maintenance in agriculture; shop organization; shop safety.

232 AGRICULTURAL POWER UNITS AND MACHINERY 3 F
Lecture and lab.
Principles of single and multiple cylinder engine operation. Selection, adjustment, operation, and maintenance of field machinery.

234 SOIL AND WATER CONSERVATION 3 F
Lecture, lab, and field trips. Offered odd-numbered years.
Drainage, soil erosion control, water conservation on farms; planning, materials, construction, repair, and adaptation of structures to farm needs.

235 FARM UTILITIES 3 F
Lecture and lab. Offered even-numbered years.
Application of electricity for light, heat, and power; principles of operation, selection, and installation of electrical equipment. Water supply and sewage systems.

237 GEOGRAPHIC INFORMATION SYSTEMS AND GLOBAL POSITIONING SYSTEMS APPLICATIONS IN AGRICULTURE 3 F
Introduce students to global positioning and geographic information system software and equipment used in agriculture applications such as precision farming.

250 CROP GROWTH AND DEVELOPMENT 4 S
Lecture and lab.
Crop management and plant growth as influenced by the environment, plant species, cropping systems, and principles of integrated crop management (ICM).

251 FORAGE MANAGEMENT 3 S
Lecture and lab.
Forage plant management and utilization as influenced by genetic, environmental, and post-harvest factors, with emphasis on cool season perennial species.

252 URBAN LANDSCAPE MANAGEMENT 3 S
AGR 150 and 157 or cons inst req. Formerly LANDSCAPE MANAGEMENT. Lecture and lab.
Cultural practices and principles in the selection and care of ornamental plants for landscape and garden use. Introduction to landscape design and maintenance.

253 FLORAL DESIGN 3 F,S
Lectures and practice in floral designing. Materials charge optional.
Principles and practice in the design of floral arrangements. Introduction to the operation of retail florist businesses.

254 HERBACEOUS PLANT MATERIAL 3 S
AGR 120 req. Lecture and lab. Field trip. Offered even-numbered years in the spring. Materials charge optional.
Identification, selection, use, and management of annuals, perennials and ornamental grasses in the landscape.

255 LANDSCAPE PLANTS 3 F
Intensive field study supplemented by lectures. Offered odd-numbered years.
Identification and landscape value of ornamental trees, shrubs, vines, and ground cover.

256 LANDSCAPE PLANTS II 3 S
AGR 255 req. Intensive field study; lecture.
Continuation of AGR 255. Identification and landscape value of additional species of ornamental trees, shrubs, vines, and groundcovers.

257 FRUIT AND VEGETABLE PRODUCTION 3 F
AGR 120 req. Lecture and lab. Field trip. Materials charge optional.
Horticultural food crop identification, production and cultural requirements. Introduction to quality determinations, pest control and marketing.

260 GREENHOUSE OPERATION AND MANAGEMENT 3 S
AGR 157 and either BSC 196 or 197 or AGR 150 or equiv req. Lectures and greenhouse practices. Offered even-numbered years. Materials charge optional.
Commercial greenhouse operation and management; growth media, temperature and light factors, irrigation, fertilization, growth regulation and pest control programs.

262 NURSERY MANAGEMENT 3 S
AGR 120 or 150 req. Lecture and lab. Field trip req. Offered even-numbered years. Materials charge optional.
Commercial nursery production and management including: nursery site selection; nursery development, container and field stock; nursery facilities and equipment requirements.

263 WEED SCIENCE 3 F
Lecture and lab.
Principles and practices of weed management systems, including chemical and non-chemical controls. Identification and biology of common weed species.

271 FOODS OF ANIMAL ORIGIN 3 F
CHE 110, 112, or 140, 141 req. Lecture and lab.
Concepts of food-animal products (meat, dairy, eggs) including their nutritive value, packaging, marketing chain, and value-added technology.

272 AGRICULTURAL GENETICS 3 F
Heredity, variation, and development of domesticated plants and animals. Mendelian genetics, mutations, linkage, quantitative inheritance, and population genetics.

274 DAIRY MANAGEMENT 3 F
AGR 170 req. Field trips. Offered odd-numbered years. Formerly DAIRY SCIENCE.
Principles of dairy herd management with emphasis on reproduction, lactation, nutrition, health, and housing of the milking herd and replacements.

275 INTRODUCTION TO ANIMAL NUTRITION 4 F
AGR 170 req. Formerly AGR 171.
Study of nutrients, their metabolism and utilization; digestive physiology in ruminants, non-ruminants and avians; diet formulation and ration balancing.

276 SWINE MANAGEMENT 3 F
AGR 170 req. Lecture and lab.
Breeds, care, and management of breeding herd; care and feeding of swine, selecting swine for breeding and marketing.

280 LIVESTOCK AND DAIRY CATTLE SELECTION 3 S
Lab and field trips.
Fundamentals of livestock and dairy selection; relation to production, marketing, and showing.

282 LIVESTOCK HEALTH AND DISEASES 3 F
AGR 170; BSC 196 or 197 req.
Animal physiology, anatomy, sanitation, and diseases. Prevention and control of diseases of domesticated species of livestock.

283 ARTIFICIAL INSEMINATION OF FARM ANIMALS 3 S
Lecture and lab.
Principles of artificial insemination and factors affecting conception in natural and artificial breeding.

284 LIVESTOCK PRODUCTION SKILLS 3 F
AGR 170 req. Cons inst req. Lecture, lab, and field trips.
Study and mastery of skills required in livestock production and different methods and tools used to perform these skills.

285 MEAT SCIENCE 3 S
Lecture and lab. Offered odd-numbered years. Materials charge optional.
Comprehensive treatment of the meat industry and presentation of basic facts about one of our most important food products.

286 BEHAVIOR OF DOMESTIC ANIMALS 3 S
AGR 170 rec.
Behavioral patterns and systems, group formations, socialization, physical environment, genetic and physiological factors as they relate to domestic animals.

288 ADVANCED LIVESTOCK AND DAIRY CATTLE SELECTION 3 F
AGR 280 req. Lab and field trips.
Judging various species of livestock in relation to their functions in the show ring and market and the presentation of oral reasons.

290 HORSE SCIENCE 3 S
AGR 170 or documented evidence of 3 years experience with horses req. Offered even-numbered years.
Anatomy, physiology, nutrition, and genetics applied specifically to horses.

295 SUMMER INTERNSHIP IN AGRICULTURAL EDUCATION 3 Summer
Adm to Professional Studies req. Incl Clin Exp: 100 hrs, Type 1-4, 9.
Experience in the profession of agricultural education in high school. Includes program planning and working with special-needs students.

302 SPECIAL PROBLEMS IN AGRICULTURE 1-3 F,S,Summer
Maj/min in Agriculture or Agriculture Business; 2.50 GPA req. May be repeated; max 6 hrs.
Special work in research interests of student and staff. Projects must be approved by the staff member and the Chairperson of the Department.

303 SEMINAR IN AGRICULTURE 1 F,S
Sr or grad standing req.

310 RURAL APPRAISALS 3 F or S
AGR 216 or 318 or ACC 131 rec and an academic background in agriculture. Field trips.
Principles, procedures, and terminology for evaluating rural property; preparation of appraisal reports as currently prepared by qualified and experienced rural appraisers.

311 STRATEGIC AGRIBUSINESS SALES 3 F
Jr/sr standing req; AGR 215 or cons inst req.
Skills, ethics and behavior theories and concepts for the professional, business-to-business, agribusiness salesperson.

312 ADVANCED FARM ACCOUNTING 3 S
AGR 213 and 216 req.
Advanced farm business records and analysis with emphasis on computer applications.

313 ADVANCED FARM MANAGEMENT 3 S
AGR 213 and 216 req.
Farm business decisions and their interrelationships. Examination of statics, dynamics, and uncertainty in agricultural decision-making.

314 MARKETING GRAIN AND LIVESTOCK 3 F
AGR 214 or cons inst req. Formerly GRAIN MARKETING. Not for cr if had AGR 316.
Economic principles applied to marketing grain and livestock. Consideration given to producers and distributors of grain.

315 FINANCIAL MANAGEMENT AND ANALYSIS OF THE AGRIBUSINESS FIRM 3
AGR 215; MAT 120; and AGR 216 or ACC 131 or cons inst req.
Application of quantitative concepts and methods to the analysis and financial management of proprietary and cooperative agribusiness firms.

317 FOOD INDUSTRY MARKETING AND STRATEGIC MANAGEMENT 3 F or S
AGR 215 or cons inst req.
Marketing management and decision-making as they relate to corporate and cooperative marketing and strategic problem solving in the food industry.

318 AGRICULTURAL FINANCE 3
AGR 216 or ACC 131 req.
Principles of agricultural finance including the capital requirements, the sources of credit, and the optimum uses of capital.

319 AGRICULTURAL POLICIES AND PROGRAMS 3 F
AGR 110 req.
History and impact of governmental intervention in agriculture. Examination of major agricultural programs, past and present.

320 FARM COMMODITY PRICING 3 F
AGR 214 req.
Theory and mechanics of price determination for agriculture commodities.

324 COMMODITY FUTURES AND OPTIONS 3 S
AGR 214 or cons of inst req.
Examines the evolution of futures markets and the use of futures and options contracts as price risk management tools.

340 EQUIPMENT FOR PRODUCING AND HANDLING AGRICULTURAL PRODUCTS 3 S
AGR 130 req. Lecture, lab, and field trips. Offered odd-numbered years.
Selection, design, operation, adjustment, and maintenance of machinery and equipment used in producing, storing, and processing agricultural products.

352 RESIDENTIAL AND SPORTS TURF MANAGEMENT 3 F
AGR 120 and 150 or cons inst req. Lecture, lab and field trips. Materials charge optional. Formerly TURF MANAGEMENT.
Principles and practices used in the management of residential and recreational turfgrasses.

353 LANDSCAPE DESIGN AND CONSTRUCTION 3 F
AGR 252 and 255 req. Lectures and practice in landscape design.
Problem approach to landscape design and construction. Site surveys and analyses. Plant selection and preparation of functional designs.

355 PLANT BIOTECHNOLOGY AND BREEDING 3 S
Offered even-numbered years.
Breeding procedures and techniques used in developing new varieties of field crops.

356 PLANT PROPAGATION 3 S
AGR 150 or BSC 196 or 197 req. Lecture and lab. Materials charge optional.
Basic principles and commercial practices involved in sexual and asexual propagation of agricultural plants.

357 SOIL FERTILITY AND FERTILIZERS 4 S
AGR 157 req. Lecture, lab, and field trips.
Fundamental concepts of soil fertility and fertilizer manufacturing. Plant nutrition, factors affecting plant growth, soil-plant relationships, and macro- and micro-nutrients.

358 SOIL MANAGEMENT 4 F
AGR 157 req. Lecture and lab.
Applications of physical and chemical properties of soils to their management.

363 AGRICULTURAL EXPERIMENTATION 3 S
MAT 120 or 144 req. Offered odd-numbered years.
Principles of agricultural research for plant and animal sciences; includes design, data collection, interpretation, and presentation of results.

371 FEEDLOT MANAGEMENT 3
AGR 170 and 171 rec. Lecture lab,and field trips.
Study of the cattle industry from backgrounding calves to marketing finished cattle, including cattle management, financing, marketing, and facility design.

372 LIVESTOCK BREEDING 3 S
AGR 272 or BSC 319 req.
Reproduction and principles of heredity and their application to livestock breeding; population genetics, inbreeding, relationship, outbreeding, and selection.

375 ANIMAL NUTRITION 3
AGR 170 and 171 req. Field trips. Offered odd-numbered years.
Science of animal nutrition; special attention to recent discoveries pertaining to the protein, mineral, and vitamin requirements of livestock.

378 BEEF COW-CALF MANAGEMENT 3
AGR 170 and 171 req. AGR 213 and 216 rec. Lecture, lab, field trips, and overnight calf watch at University Farm.
Study of the beef cow-calf industry from both a purebred and commercial perspective including management skills required for cow-calf production.

380 CURRENT ISSUES IN THE BEEF CATTLE INDUSTRY 3 S
AGR 170 req. AGR 110, 214 and Junior standing rec. Lecture. Not for cr if had AGR 371, 378.
A study of the history and evolution of the beef cattle industry as impacted by internal and external factors.

381 BEEF CATTLE INDUSTRY 2 S
AGR 170 req. AGR 380 req or conc reg. Lecture and lab. Not for cr if had AGR 371, 378.
Basic principles and commercial practices involved in feedlot management and cow-calf production.

383 AGRICULTURAL SAFETY AND HEALTH 3 F
CHE 110, 140 or cons inst or adm to Environmental Health and Safety graduate program req. Half-day Saturday field trip at end of sem req. Also offered as HSC 383. Formerly AGRICULTURAL ACCIDENT PREVENTION.
Major problems of accident causation and prevention applicable to agriculture and the need for farm safety education, engineering, and enforcement countermeasures.

394 METHODS AND PROCEDURES IN AGRICULTURAL EDUCATION 3 F
Incl Clin Exp: 10 hrs, Type 1-6, 9. Adm to Prof Studies req. Formerly AGR 396.
Procedures in planning, conducting, and evaluating an agricultural education program; pragmatic interfacing of learning theories, philosophy and guidance with instructional programs in agriculture.

395 PROFESSIONAL SEMINAR IN AGRICULTURE EDUCATION 2 S
STT 399 conc reg req. Adm to Prof Studies req.
In-depth analysis of selected trends, issues, problems confronting the agricultural educator.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN AGRICULTURE 1-6 F,S,Summer
Maj in any AGR program; 2.50 GPA;8 hrs of course work in intern area; approved application req. May be repeated; max 6 hrs.
Supervised on-the-job experience in an agriculture setting. Minimum 45 hrs experience/credit.

CRIMINAL JUSTICE SCIENCES (CJS) 525

441 Schroeder Hall, (309) 438-7626
Web address: www.ilstu.edu/depts/cjs

Chairperson: Thomas Ellsworth.
Tenured/Tenure-track Faculty:
Distinguished Professor: Weisheit.
Professors: Ellsworth, Falcone, Kethineni, Morn, Smith, Wells.
Associate Professor: Krienert.
Assistant Professors: Beichner, Rabe-Hemp, Reitzel, Vandiver, Walsh.

General Department Information

The purpose of the Criminal Justice Sciences program is to provide the student with a system orientation to the field of Criminal Justice. Study in Criminal Justice involves the application of the principles of Criminal Justice and the related behavioral and social sciences to problems and issues in the field of Criminal Justice. The program focuses on the building of knowledge in the areas of law enforcement, courts, and corrections from a social science perspective. Students develop a knowledge base for an in-depth understanding of human behavior and the kinds of problems and circumstances that often result in criminality. Finally, the program provides students with the opportunity to gain necessary skills in the area of interviewing, program development, community organization, planning and research to function in a professional position in the field of Criminal Justice.

Admission of New Students into the Criminal Justice Sciences Major:

a. New beginning freshmen must meet University admission requirements prior to being considered for admission into the Criminal Justice Sciences major.
b. New transfer students will be classified as Criminal Justice majors if they have a transfer GPA of 2.40.

Admission of Continuing Students into the Criminal Justice Sciences Major:

a. Students must make formal application to the major by placing themselves on the departmental waiting list.
b. In order to be admitted into the Criminal Justice major students must be in academic good standing at Illinois State University, all incomplete grades need to be cleared, and the following courses must be completed: ENG 101, 145; CJS 101; SOC 106; and PSY

110 or 111. Grades for these five (5) courses must be a minimum of two (2) B's and three (3) C's. No D's or F's will be accepted. If you want to be a Criminal Justice Sciences major, you must *repeat* any course listed in "b" above in which you have earned less than a C.

c. A student who enters the University through the Adult Learner program must complete at least 12 hours at Illinois State University and have completed courses as stipulated in "b" above before admission to the Criminal Justice program will be made.

d. A student who returns to the University in the New Start program as a Continuing Student will be admitted to the Criminal Justice Sciences major when he/she has completed the requirements and courses as stipulated in "b" above.

The Department of Criminal Justice Sciences reserves the right to maintain a balanced enrollment.

a. This may restrict the numbers of freshmen, transfer students, and continuing students who wish to be Criminal Justice Sciences majors.

b. Most Criminal Justice Sciences courses are restricted to Criminal Justice Science majors.

Retention Requirements:

Criminal Justice Sciences majors must maintain a cumulative GPA of at least 2.40 every semester. If, at any given time, a student's GPA falls below a 2.40 that student may be removed from the major and reclassified as a General Student. After a student is reclassified as a General Student, all rights as a major are forfeited, including the right to be eligible to do the Criminal Justice Sciences internship.

Students who have been reclassified must meet regular admission requirements to be eligible for readmission to the major.

HONORS IN CRIMINAL JUSTICE SCIENCES

The Department offers honors study in Criminal Justice Sciences to highly qualified students who will pursue an individualized program of study. The Honors Program enables the superior student to focus on topics of the student's own choosing in close consultation with a Criminal Justice Sciences Department faculty member. In order to qualify, the student must have achieved a GPA of 3.30 or better, both overall and in the major. The student must complete:

1. at least 3 hours credit of in-course honors;
2. at least 3 hours credit in CJS 299—Independent Honors Study or Honors-Undergraduate Research (IDS 285 or 286) in the Criminal Justice Sciences Department; and
3. an additional 3 hours of in-course honors, honors independent study or honors-undergraduate research, equivalent with a grade of B or better.

Students must also fulfill the general education requirements for participation in the University's Honors Program. Successful completion of the Honors Program will provide the designation of Honors in Criminal Justice Sciences upon graduation. The University will note the Honors designation on official transcripts and the diploma.

Students interested in participating in the Honors Program should inquire about admission in the Office of the Department of Criminal Justice Sciences.

Criminal Justice Sciences Programs

Degrees Offered: B.A., B.S.

MAJOR IN CRIMINAL JUSTICE SCIENCES

— 55 hours required.

— Required courses: CJS 101, 200, 201, 207, 300, 304, 395, 398.01* (6 hours), 398.02* (6 hours).

— 21 hours of electives selected with the approval of an academic advisor. A minimum of 12 hours must be selected from Illinois State University Department of Criminal Justice Sciences course offerings. The remaining electives must be taken from the list of recommended courses from other departments at Illinois State University, or may be appropriate transfer credit. Electives in other departments: FOR 111, 112, 115, 116 (8 hour maximum); FIL 185; MQM 220, 221; POL 201, 215, 231, 330, 331; PSY 131, 232, 302, 350; SOC 131, 263, 264, 365, 367; SED 362. Students who major in Criminal Justice Sciences must complete the following courses or equivalents: ENG 145; PSY 110 or 111; SOC 106.

*Students seeking enrollment in CJS 398.01 and 398.02 must complete necessary paperwork for application to the internship which will be received during mandatory meetings set by the Internship Coordinator. To be eligible, the student must have: (1) completed 90 semester hours, (2) an overall and major GPA of 2.40 at the time referrals are made, and (3) completed all required courses including SOC 106; PSY 110 or 111; and ENG 145. Students who have completed accredited corrections and/or police training may substitute this training for a portion of the internship with departmental approval. Students eligible for an internship will, with the assistance of the internship coordinator, choose an agency from a list of approved agencies. Students may also participate in out-of-state internships.

MINOR IN CRIMINAL JUSTICE SCIENCES

— 21 hours required.

— Required courses: CJS 101, 200, 201, 207, 304.

— 6 hours of electives selected, with the approval of an academic advisor, from the Department of Criminal Justice Sciences course offerings.

— **NOTE**: Space in Criminal Justice Sciences courses is limited for non-majors.

Criminal Justice Sciences Courses

101 INTRODUCTION TO CRIMINAL JUSTICE SCIENCES 3 F,S,Summer
An analysis of the criminal justice system focusing on the police, courts, and corrections.

102 INDIVIDUALS, SOCIETY, AND JUSTICE MC-ICL 3 F,S,Summer
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Not for cr maj/min.
Explores justice, law, and civic life from historical, comparative, social science, and contemporary cultural perspectives.

200 CONTEMPORARY CORRECTIONS 3 F,S,Summer
CJS 101 req. Maj/min only or cons dept advisor.
Familiarizes students with correctional alternatives as they currently exist. Controversies and emerging trends in corrections will be considered.

201 CRIME AND BEHAVIOR 3 F,S,Summer
CJS 101; SOC 106; PSY 110 or 111 req. Maj/min only or cons dept advisor.
Theoretical and conceptual explanations of criminal behavior.

206 FUNDAMENTALS OF CRIMINAL INVESTIGATION 3 F,S,Summer
CJS 101 req. Maj/min only or cons dept advisor.
An intensive analysis of the criminal investigation process including information gathering and analysis, preservation of evidence, legal issues, and investigative strategies.

207 CONTEMPORARY POLICING IN AMERICA 3 F,S,Summer
CJS 101 req. Maj/min only or cons dept advisor.
Survey of law enforcement, its history, police practices, functions, and related issues and concepts of contemporary police.

212 COMMUNITY CORRECTIONS 3 F,S
CJS 101 and ENG 145 req; CJS 200 rec. Maj/min only.
Theoretical basis, current methodology, and operations: court counselors, citizen action, half-way houses, work-release, drug abuse treatment, detention, reception and diagnostic centers, and probation and parole.

215 JUVENILE JUSTICE 3 F,S
CJS 101 req. Maj/min only or cons dept advisor.
The processing and treatment of juvenile offenders. Examines the organization, operation, and goals of the individuals, agencies, and institutions that work with youthful offenders.

240 HISTORY OF CRIMINAL JUSTICE 3 F
Crime and the American criminal justice system from the colonial period until the mid-20th century.

298.50 PROFESSIONAL PRACTICE: COOPERATIVE EDUCATION IN CRIMINAL JUSTICE 1 F,S,Summer
Soph/jr standing; prior dept approval req. CJS maj only. Enrollment limited, based on availability of sites. May be repeated once.
Paid, supervised experiences in local, state, and federal criminal justice agencies.

300 RESEARCH METHODS 3 F,S
Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor. Formerly EVALUATIVE RESEARCH OF PROGRAMS IN CRIMINAL JUSTICE.
Assesses basic components of how research is conducted in criminal justice inquiries. Examines the criteria for social scientific research in the criminal justice field.

304 CRIMINAL LAW 3 F,S
Jr standing (60 hrs completed). CJS 101 rec. Maj/min only or cons dept advisor.
Survey of criminal law, including development of substantive criminal law. Examination of judicial opinions related to the criminal justice process.

305 RULES OF EVIDENCE FOR THE ADMINISTRATION OF JUSTICE 3 F,S
Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor.
Types of evidence, standards of proof, and legal requirements relating to the admissibility of evidence in court.

306 EXPERIENCES IN INTERNATIONAL JUSTICE 3 or 6 Summer
Fr standing (12 hrs completed). Travel fees apply.
The course involves an exploration of a foreign country. Students will have exposure to cultural, political, social and criminal justice issues.

307 FAMILY VIOLENCE: CROSS-CULTURAL PERSPECTIVES 3 S, Summer
Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor req.
Analysis of family violence in the US and other countries. Emphasis on police and judiciary response, solutions and treatments.

310 CORRECTIONAL INSTITUTIONS 3 F
Jr standing (60 hrs completed). CJS 101, 200 or cons dept advisor req. CJS maj only.
An intensive analysis of correctional institutions and jails focusing on management issues, inmate subcultures, and prisonization.

322 COMMUNICATION SKILLS IN CRIMINAL JUSTICE 3 F,S,Summer
Jr standing (60 hrs completed). CJS 201 conc reg req or cons inst req.
Development of interpersonal communication, interviewing and decision-making skills for intervention with criminal justice clients.

338 ALCOHOL, DRUGS, AND CRIME 3 F,S
Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor req.
Analysis of the impact of alcohol and drugs on crime and the criminal justice system.

339 WOMEN IN CRIMINAL JUSTICE 3 F,S
Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor req.
Historical and theoretical perspectives and contemporary trends concerning women and crime and processing of women by the criminal justice system.

340 ORGANIZED AND WHITE COLLAR CRIME 3 F
Jr standing (60 hrs completed). CJS 101 req. Maj/min only or cons dept advisor req.
Analysis of organized and white collar crime problem in America. Topics include prevalence, impact, laws, and investigative techniques.

342 VICTIMOLOGY 3 S,Summer
Jr standing req. CJS 101 or cons dept req; CJS 201 rec.
An examination of the victim's role in the criminal event, the process of victimization, patterns, trends, theories, and victim offender relationships.

360 ISSUES IN CRIMINAL JUSTICE 1-4 F,S,Summer
Jr standing (60 hrs completed). Maj/min only or cons dept advisor. May be repeated once; max 6 hrs if content different.
A critical and analytical study of a contemporary issue or controversy in the field of criminal justice.

369 WORLD CRIMINAL JUSTICE SYSTEMS 3 F,S,Summer
Jr standing (60 hrs completed). CJS 101 or cons dept advisor req.
Analysis of crime and criminal justice systems of selected countries. Emphasis on England, France, Sweden, Japan, and Russia.

395 CRIMINAL JUSTICE ADMINISTRATION 4 F,S
Jr standing (60 hrs completed). CJS 101, 200, 201, 207, 300 and 304; cons dept advisor req. CJS maj only.
Aspects of organizational behavior in criminal justice agencies will be considered to enable the student to better understand on-the-job experiences.

398.01 PROFESSIONAL PRACTICE: CRIMINAL JUSTICE INTERNSHIP I 6 F,S,Summer
CJS 395 and cons dept advisor req. CJS maj only. See CJS maj req for enrollment limitations.
Field placement in a criminal justice related agency. Interns work with designated agency personnel and receive an overview of agency functions.

398.02 PROFESSIONAL PRACTICE: CRIMINAL JUSTICE INTERNSHIP II 6 F,S,Summer
CJS 395, 398.01 and cons dept advisor req. CJS maj only. See CJS maj req for enrollment limitations.
Intensive experience in a single criminal justice agency setting.

FAMILY AND CONSUMER SCIENCES (FCS) 506

144 Turner Hall, (309) 438-2517
Web address: www.cast.ilstu.edu/fcs/

Chairperson: Connor Walters.
Tenured/Tenure-track Faculty:
Professors: Canabal, Gentry, Nnakwe, Power, Shane, Walters, Winchip.
Associate Professors: Kim, Memken, Wilson.
Assistant Professors: Allison, Cullen, Dyar, Johnson, Trautmann.

General Department Information

Family and Consumer Sciences is a profession committed to improving the quality of life for individuals and families. The mission of the department is to provide integrative study of the human environment and systems that impact and strengthen individuals, family units, agencies, businesses, and the community at large.

Family and Consumer Sciences is a broad field of study that provides opportunity for specialization in challenging careers. The faculty seek to prepare men and women to enter professions concerned with enhancing the quality of life for individuals, families and communities, and the environment in which they function. Academic preparation involves the integration and application of knowledge and skills gained from family and consumer science courses as well as courses in a variety of other disciplines.

The Department serves undergraduate and graduate majors specializing in fields such as interior design, child development, family life education, consumer services, nutrition and dietetics, apparel merchandising, and family and consumer sciences teacher education.

HONORS IN FAMILY AND CONSUMER SCIENCES

The Department offers honors work in each Family and Consumer Sciences sequence to highly qualified juniors and seniors. Candidates must be full-time students, declared Family and Consumer Sciences majors, and have an overall 3.30 GPA and 3.50 GPA in Family and Consumer Sciences. Honors requirements include completion of 3 in-course honors at the 200-level or above (at least 2 must be taken in the Department), and a minimum of 3 hours in FCS 299 culminating in a substantial research paper. The Department also offers in-course honors work in all courses for students enrolled in the University Honors Program or in any departmental honors program. In-course honors work is offered at the discretion of the instructor. For further information contact the departmental advisor. All Family and Consumer Sciences honors students must fulfill the general requirements for participation in the University Honors Program.

Family and Consumer Sciences Programs

Degrees Offered: B.A., B.S.

Admission Requirements for Family and Consumer Sciences Majors (Non-Teacher Education Options):

A student may enter a major or minor in the Department of Family and Consumer Sciences as a freshman, transfer student or as a change of major at Illinois State University. Students should contact the Family and Consumer Sciences Undergraduate Advisor for minimum GPA requirements and/or other admission requirements. Options in the Department of Family and Consumer Sciences are in high demand and admissions are based on a combination of student qualifications and course capacities.

MAJOR IN FAMILY AND CONSUMER SCIENCES

Apparel Merchandising and Design Sequence:

The Apparel Merchandising and Design Sequence prepares students for careers such as fashion marketer, retail manager, fashion buyer, private label developer, visual merchandiser, merchandiser, technical designer, apparel/textile designer, quality assurance supervisor, purchasing agent, trend analyst, fashion journalist, and museum curator/conservator.

— 59-62 hours required.
— 11-hour core: FCS 101, 103, 200, 300.
— 48-51 hour sequence: FCS 225, 226, 323, 327, 328, 329, 362; ECO 105; MKT 230; PSY 110 or PSY/SOC 131; and option A or B that follows:
A. Merchandising: FCS 368, 369, 371, 398 (3 hours); MQM 220; MKT 335.
B. Apparel Design/Product Development: FCS 122, 228, 321, 324, 361, 366, 365 or 398 (3 hours).
— For students interested in Fashion Merchandising, a Business Administration, Marketing or Communication minor is recommended; for students interested in Apparel Design/Product Development, an Art, Theatre, Marketing, or Business Administration minor is recommended; for students interested in Fashion Journalism, a Communication minor is recommended; for students interested in Museum Curator/Conservator, a minor in History or Art History is recommended.
— A travel study for credit is available periodically.

Food, Nutrition and Dietetics Sequence:

Career opportunities in the broad field of food, nutrition and dietetics are quite varied and employment exists throughout the areas of healthcare, food service, education and research. Employment opportunities include: clinical or foodservice dietitian in a healthcare organization, food service manager for a company, nutrition consultant for a physician practice, community nutritionist, nutrition and health writer, food and nutrition product sales and marketing, corporate wellness, food promotion for a grocery store, school foodservice and others.

The undergraduate Food, Nutrition and Dietetics (DPD) program at Illinois State University is currently accredited by the Commission on Accreditation for Dietetics Education of the American Dietetics Association, 216 W. Jackson Blvd., Chicago, IL 60606-6995, (312) 899-5400.

— 66-67 hours required.
— 11-hour core: FCS 101, 103, 200, 300.
— The following General Education courses must be taken: Inner Core—CHE 110 and 112; Outer Core—BSC 160.
— 55-56-hour sequence: FCS 102, 113, 213, 311, 312, 316, 317, 318, 319, 398 (3 hours); BSC 160; CHE 220, 242; ECO 103 or 105; KNR 182; MQM 220; PSY 110 or 111, 215.
— This program provides the first step for students wanting to become a registered dietitian (R.D.). Students must apply for an ADA-approved dietetic internship after graduation, and then successfully complete the registration examination to be an R.D. An American Dietetic Association Verification Statement of DPD Program Completion will be given to students completing this sequence. This official statement is required for graduates to begin an ADA-approved dietetic internship after acceptance, and for other professional applications requiring verification of DPD Program completion.

Human Development and Family Resources Sequence:

The Human Development and Family Resources Sequence prepares students for careers such as child care provider or center director; child life specialist in hospital settings; child care resource and referral specialist; family life educator or marriage enrichment provider; extension specialist or youth program director; case worker or manager; elder services coordinator; consumer advocate; consumer relations specialist; product development consultant; or middle, junior, or high school teacher.

— 41-62 hours required.
— 11-hour core: FCS 101, 103, 200, 300.
— 30-51-hour sequence: FCS 231, 232, 233, 310, 333 and option A, B, C, or D that follows. **A. Human Development:** FCS 250, 251, 307, 308, 309, 331, 398 (3 hours); SWK 323; and 12 hours from FCS 111, 212, 224, 305, 306, 314. **B. Family Relationships**: FCS 305, 309, 364, 398 (3 hours); SWK 323; and 15 hours from FCS 111, 212, 330, 331, 394; C&I 312; HSC 390; PSY 111, 302, 303; SOC 106, 123, 211, 212, 262, 311, 341, 342, 365. **C. Consumer Services**: FCS 330, 331, 364, 398 (3 hours); ECO 105; MKT 230, 231. **D. Teacher Education**: FCS 102, 111, 113, 203, 250. Part of the endorsement program leading to certification by the State of Illinois for teaching Family and Consumer Sciences courses grades 6-12. Four endorsements are obtained through required Department core and

sequence courses: (1) Child and Day Care Services, (2) Consumer Education and Resource Management, (3) Interpersonal and Family Relationships and Parenting, and (4) Institutional and Home Management. See the Family and Consumer Science advisor for information about courses that count towards additional Family and Consumer Science endorsements. Twenty-four (24) hours Professional Education (see C&I Professional Education Requirements in the *Undergraduate Catalog*), including STT 399.

See Professional Studies Admission-Retention program found in University-Wide Professional Studies Program Requirements for admission and retention standards. Also see Family and Consumer Sciences Selective Admission-Retention Requirements section of this *Undergraduate Catalog*.

Interior and Environmental Design Sequence:

The Interior and Environmental Design Sequence prepares students for careers in residential design, contract design, space planning, store design, restaurant design, kitchen and bath design, historic preservation and design for special populations.

The undergraduate Interior and Environmental Design (IED) program at Illinois State University is currently accredited by the Foundation for Interior Design Education Research (FIDER).

- 61 hours required.
- 11-hour core: FCS 101, 103, 200, 300.
- 50-hour sequence: FCS 104, 218, 225, 242, 244, 338, 340, 345, 346, 347, 348, 370, 375, 398 (3 hours); FCS 352; ART 372; TEC 110, 211.
- Possible minors based on individual interests: Industrial Technology, Construction Management, Art or Business.
- Recommended electives: FCS 393.38; TEC 322.
- To be licensed in the State of Illinois, students must have a minimum of 2 years professional work experience and pass the National Council for Interior Design Qualification (NCIDQ) Examination. Passage of this exam also qualifies the individual professional membership in interior design organizations such as American Society of Interior Designers (ASID) and International Interior Design Association (IIDA).

MINOR IN FAMILY AND CONSUMER SCIENCES

- 23 hours required in Family and Consumer Sciences.
- 11-hour core: FCS 101, 103, 200, 300.
- 12 additional hours in Family and Consumer Sciences.

Selective Admission-Retention Requirements for the Teacher Education Option in Family and Consumer Sciences:

Selective Admission:

All Family and Consumer Sciences Education students planning to become certified teachers must apply for and be admitted to the University's Professional Studies program (see Professional Studies Admission-Retention program section of this *Undergraduate Catalog*). Upon applying for admission each Family and Consumer Sciences student must have verified the following:

1. A minimum GPA of 2.50 overall and in all Family and Consumer Sciences courses including Professional Education courses.
2. A positive recommendation for Admission to Professional Studies by all Family and Consumer Sciences faculty. See departmental advisor for procedure.
3. An interview with the Family and Consumer Sciences Education Coordinator.

Selective Retention:

In order to receive departmental approval for a student teaching assignment the student must verify the following:

1. Maintain a GPA of 2.50 in all courses and in all Family and Consumer Sciences courses including Professional Education courses.
2. Completion of FCS 200, or the equivalent for transfer students.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Family and Consumer Sciences Courses

101 HUMAN AND FAMILY DEVELOPMENT **3 F,S**

Human development throughout the lifespan within the context of the developing family unit.

102 NUTRITION IN THE LIFE SPAN 3 F,S
Nutrients needed by humans. Food choices to meet nutrition needs of individuals and families throughout the life cycle.

103 MANAGEMENT FOR CONSUMERS 3 F,S
Management for individual and family problems in the home and marketplace.

104 ENVIRONMENTAL DESIGN ELEMENTS: STUDIO 3 F, S
Maj/min only or cons advisor. Lecture and lab.
Introduction to design fundamentals and development of perceptual skills, creative awareness, and the technical ability to handle a variety of design media.

111 INTRODUCTION TO THE FAMILY AND CONSUMER SCIENCES EDUCATOR ROLE 2 S
FCS 101 and 103 req, cons inst req. Field trips; 15 clinical hours.
Historical, methodological, and philosophical prologue unique to the family and consumer sciences educator role.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Also offered as HIS/SOC 112.
Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

113 PRINCIPLES OF FOOD PREPARATION 3 F,S
FCS 102 req. Maj/min only or cons advisor. Materials charge optional.
Scientific principles involved in the preparation of food.

122 APPAREL PRODUCT DEVELOPMENT I 3 F,S
Maj/min only or cons advisor. Materials charge optional.
Basic apparel production techniques.

198 PROFESSIONAL PRACTICE 1 Summer
Maj only. 2.00 GPA; 27 hrs; Approved application req. CR/NC only. May be repeated; max 3 hrs.
Exploration of entry-level career opportunities. Observation of professional skills and competencies of practicing home economists.

200 PRACTICAL PROBLEM SOLVING IN FAMILY AND CONSUMER SCIENCES 3 F,S
FCS 101, and 103 req. Jr standing req. Maj/min only or cons advisor.
Mission and goals of family and consumer sciences related to the practical reasoning process for problem solving and critical thinking.

203 COMPETENCIES FOR TEACHING 4 S
FCS 111 req. C or better in C&I 212, 214 or 216 or PSY 215 (6 hrs), or conc reg req. Maj/min only or cons advisor. Field trips req. Adm to Prof Studies req. Incl Clin Exp: 20 hrs, Type 1 and 10.
Curriculum development, evaluation, teaching strategies, and professionalism for vocational education teachers.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES OC-SMT 3 F,S
Inner Core req. MC-IS category req. Also offered as HSC/KNR 208.
Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

212 FAMILY HEALTH AND WELL BEING 3
FCS 101 req. Maj/min only or cons advisor. Practicum rotations included.
Relationship of personal decision making, self assessment and behavioral change to optimal wellness for individuals and families.

213 FOOD PLANNING, MARKETING, AND COST CONTROLS 3 S
FCS 113 req. Maj/min only or cons advisor. Materials charge optional. Formerly MEAL PLANNING.
Meal planning based on criteria of nutritive requirements, marketing challenges, and utilization of resources.

218 INTERIOR CONSTRUCTION AND BUILDING SYSTEMS 2 S
FCS 242 req. FCS 244 conc reg rec. Field trips. Materials charge optional.
Evaluation of building infrastructure, including heating/cooling systems, electrical and plumbing conventions, and interior construction, as related to the design process.

222 CULTURAL DIVERSITY IN DRESS OC-SS 3 F,S
Inner Core req. MC-IS category req.
Interdisciplinary, comparative exploration of diverse cultures through dress and adornment.

224 ENDURING ISSUES FOR COUPLES AND FAMILIES OC-SS 3 F
Inner Core req. MC-UST category req.
Analysis of persistent and newly emerging issues for couples and families living in the 21st century.

225 TEXTILES 3 F,S
Lecture and lab. Maj/min only or cons advisor. Materials charge optional.
Fundamentals of textile science: fibers, yarns, fabrications, finishes, and dyeing. Selection and care of apparel/home furnishings fabrics. Textile legislation.

226 FASHION TREND AND INDUSTRY ANALYSIS 3 F,S
FCS 101 and 103 rec. Maj/min only or cons advisor. Formerly APPAREL.
Fundamentals of the fashion industry, emphasis on analysis and forecasting of trends and sectors of apparel and merchandising industries.

228 APPAREL DESIGN 3 S
FCS 122, 226 req. Materials charge optional.
Application of art principles to apparel creation through computers and hand techniques. Idea development from conception through production to retailing. Style nomenclature emphasized.

231 FAMILY RELATIONSHIPS 3 F,S
FCS 101 req or C&I 281 conc reg rec. Maj/min only or cons advisor.
Functions of productive family units to fulfill individual and group needs. Emphasis on the skills needed by the parent.

232 RESOURCE MANAGEMENT FOR INDIVIDUALS AND FAMILIES 3
FCS 103 req. Maj/min only or cons advisor.
Problem solving approach to the use of managerial components and their functional relationships to the complexities of today's living.

233 FAMILY ECONOMIC RESOURCES 3
FCS 103 req. Maj/min only or cons advisor.
Economic description of the family emphasizing the family's financial, physical, and human capital investments over the life cycle.

242 DRAFTING FOR INTERIOR DESIGN 3 F
Maj/min only or cons advisor. Materials charge optional.
Introduces students to equipment, media, and techniques for graphic presentation of architectural design.

244 INTERIOR SYSTEMS AND HOUSING 3 S
FCS 104 req. Field trips req.
Consumer choice of dwelling and the analysis of interior spaces and equipment.

250 DEVELOPMENT AND GUIDANCE OF PRESCHOOL CHILDREN 3 F
FCS 101 req. Maj/min only or cons advisor. Incl Clin Exp: 32 hrs.
Applied child development and guidance of preschool children in early childhood programs. Emphasis on observation, assessment and developmentally appropriate practices.

251 DEVELOPMENT AND GUIDANCE OF INFANTS AND TODDLERS 3 S
FCS 101 req. Maj/min only or cons advisor. Incl Clin Exp: 32 hrs.
Applied child development guidance of infants and toddlers in early childhood programs. Emphasis on observation, assessment and developmentally appropriate practices.

300 LEADERSHIP DEVELOPMENT FOR FAMILY AND CONSUMER SCIENCES PROFESSIONALS 2 F,S
FCS 200 req. Sr standing.
Leadership as a context for examining disciplinary issues and professional preparation while synthesizing knowledge and skills attained throughout the collegiate experience.

305 FAMILIES IN LATER LIFE 3 S
Jr standing req.
Exploration of family dynamics in later life. Emphasis on developmental tasks, needs and decision-making issues of aging family members.

306 SEMINAR IN CHILD LIFE STUDIES 3 F
FCS 101, and 250 or 251 req. Cons of inst req. Practicum experience req.
Application of child development theories and developmentally appropriate practices to children in health care settings.

307 ADVANCED CHILD DEVELOPMENT APPLICATIONS 3 F
FCS 101, 250, 251 req. Incl Clin Exp: 32 hrs.
Application of research in the development and guidance of infants, toddlers and preschool age children as related to family and society.

308 ORGANIZATION AND ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS 3
FCS 250 or cons inst req. Incl Clin Exp: 20 hrs, Type 10.
Administration of early childhood programs and community services responsible for guidance of young children.

309 COUPLE RELATIONSHIPS 3 F
FCS 231 req.
An interactional approach to the study of intimate male-female pairing: establishing couple relationships and developing effective intimate pairing communication; an overview of marriage enrichment history, programs, practice, theory, and research.

310 FAMILY CRISES 3 S
Jr standing req. Field trips req.
Cognitive and affective exploration of family crisis: definition, management processes, and professional helping resources.

311 COMMUNITY NUTRITION 3 F
FCS 102 req.
Nutritional needs of selected populations vulnerable to inadequate diet; emphasis on U.S. programs designed for groups at nutritional risk.

312 MEDICAL NUTRITION THERAPY 4 S
FCS 317 req.
Planning modified diets and studying underlying diseases. Nutritional counseling of individuals and groups.

314 EARLY CHILDHOOD NUTRITION EDUCATION 3 S
Incl Clin Exp.
Principles of nutrition and current research. Emphasis on the needs of young children. Guidance in implementing a sound nutritional education program.

315 NUTRITION FOR HEALTH AND PHYSICAL FITNESS 3 S
FCS 102 or cons inst; KNR 182; or BSC 181 and 182 req.
An advanced course focusing on the physiological and biochemical importance of nutrition to health, physical fitness, and sports.

316 FOOD SCIENCE 3 F
FCS 213; CHE 110 and 112 req. Materials charge optional.
Experimental approach to principles underlying food preparation.

317 NUTRITION AND METABOLISM 4 F
FCS 102; BSC 160; KNR 182 req. CHE 242 conc reg req.
Physiological and biochemical basis for human nutritional requirements and health.

318 FOOD SERVICE MANAGEMENT 3 F
FCS 103, 213; MQM 220 req.
Management of commercial foodservice systems: planning, control systems, decision making, human considerations.

319 QUANTITY FOODS 3 S
FCS 213 req. Field trips.
Principles, techniques, and standards required to procure, store, and produce food in quantity for institutional and commercial feeding.

321 FLAT PATTERN DESIGN 3 F,S
FCS 122 or equiv req. Maj/min only or cons advisor. Materials charge optional.
Computer and hand techniques in making garment patterns by the flat pattern method.

323 ADVANCED TEXTILES 3 F
FCS 225, 226 req. Lecture and lab. Materials charge optional.
Exploration of established practices and new developments in the textile and apparel industry. Research and problem-solving emphasis.

324 DRAPING AND DESIGN 3 S
FCS 122 or 220 req. Materials charge optional.
Interpretation of garment designs in fabric by means of the draping procedure.

327 CLOTHING AND BEHAVIOR 3 F
FCS 225, 226; PSY 110 or PSY/SOC 131 req. Jr/sr standing only.
Factors that influence behavior related to clothing selection and use. Emphasis on research.

328 ECONOMICS OF FASHION 3 S
FCS 225, 226 and ECO 105 req.
Fashion as an economic force in the international economy. Fashion's influence on production, distribution and consumption of textiles and apparel.

329 APPAREL PRODUCT ANALYSIS 3 F
FCS 122, 225 and 226 req.
Overview of apparel manufacturing and analysis of ready-to-wear apparel product quality.

330 DECISION-MAKING FOR CONSUMERS 3 S
Also offered as BTE 330.
Survey of consumer problems, trends, and information. Topics include: insurance, housing, credit, life style, consumer protection, leisure, and achieving financial security.

331 CONSUMER MATERIALS 3 F
FCS 103 req; 233 rec.
Application and evaluation of consumer information sources.

332 FOOD INDUSTRY MARKETING AND STRATEGIC MANAGEMENT II 3 S
AGR 317 req.
Advanced application of marketing and management concepts as they relate to the promotion of the multi-faceted food industry.

333 FAMILY AND CONSUMER PUBLIC POLICY 3 S
FCS 103 req, 233 rec. Maj/min only or cons advisor.
Public and private sector programs serving human needs; role of family and consumer science professional in the public policy arena.

338 HISTORY OF INTERIOR AND ENVIRONMENTAL DESIGN I 3 S
Jr or sr standing req. Maj/min only or cons advisor.
Major stylistic time periods in architecture and interior design from antiquity to late 19th century.

340 INTERIOR DESIGN I: STUDIO 4 S
FCS 242 req. FCS 225 and 244 and TEC 110 or conc reg rec. Maj/min only or cons advisor. Lecture and lab. Materials charge optional.
Design principles applied to residential space. Students examine the ways in which rooms are affected by various design elements.

345 INTERIOR DESIGN BUSINESS PRACTICES 2 S
FCS 340 req; FCS 300 rec.
Practices and procedures of professional design firms. Emphasis on business ownership, programming, purchasing procedures, billing hours, contracts and business forms.

346 ENVIRONMENTAL LIGHTING DESIGN 2 S
FCS 340 req.
Design of the luminous environment. Emphasis on lighting sources, fixture schedules, switching patterns, and the required drawings used in residential and commercial applications.

347 HUMAN FACTORS IN INTERIOR ENVIRONMENTS 2 F
FCS 242 req. Lecture and lab.
This course focuses on the functionality and aesthetics of interior environments with an emphasis on the interface between man-made environments and humans. The needs of special populations are addressed.

348 HISTORY OF INTERIOR AND ENVIRONMENTAL DESIGN II 2 F
FCS 338 rec. Maj/min only or cons advisor.
Major movements in architecture and interior design from the late 19th century to the present.

352 RENDERING FOR INTERIOR DESIGNERS 3 F,S
FCS 242,or cons instr req. Also offered as ART 352.
Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations.

361 FASHION HISTORY I 3 F
FCS 225, 226 req. Formerly FASHION HISTORY.
Analysis of historic costume from antiquity through 19th century, in relation to social and cultural environments. Emphasis on western world.

362 FASHION HISTORY II 3 S
FCS 225, 226 req. Formerly TWENTIETH CENTURY FASHION.
Analysis of 20th century fashion in relation to social and cultural environments. Study of American and international designers and innovators.

364 BASIC SKILLS IN COUNSELING 3 F
Not for cr if taken SED 362, 363.
Introduction to the basic procedures and skills of counseling from a multi-cultural context.

365 APPAREL COLLECTION DEVELOPMENT 3 S
FCS 122, 228, 321 or cons inst req. Lecture and lab. Formerly DESIGN STUDIO.
Advanced problem solving in apparel collection design with emphasis on integration of various tools of design.

366 CAD FOR APPAREL DESIGN 3 F
FCS 122, 226, 228 req. Lecture and lab.
Application of art principles to apparel design using CAD. Apparel idea development from concept through application to production. Portfolio development.

368 FASHION PROMOTION 3 F
FCS 226 req.
Apparel merchandising techniques with emphasis on visual merchandising, advertising, fashion shows, and related promotional activities.

369 MERCHANDISE PLANNING AND CONTROL 3 F
FCS 226; MKT 230, 335; MQM 220 req. Formerly FASHION MERCHANDISING.
The financial management of merchandising fashion goods, with emphasis on stock, sales, assortment planning and control.

370 INTERIOR DESIGN II: STUDIO 4 F
FCS 340 req. FCS 218; TEC 211; and ART/FCS 352 conc reg rec. Field trips req. Materials charge optional.
The process of linking spaces using architectural elements. Emphasizing the design process as it affects private and public spaces.

371 ADVANCED MERCHANDISING 3 S
FCS 369 req. Formerly FASHION MERCHANDISING II.
Merchandising practices as related to current issues in management, entrepreneurship, as well as planning, developing, and presenting soft good lines.

375 INTERIOR DESIGN III: STUDIO 4 S
FCS 370 req. Materials charge optional.
Study of design theory/analysis in relation to large-scale, comprehensive commercial interiors. Emphasis on codes regulating ergonomic and life safety issues.

380 ORGANIZATION AND ADMINISTRATION OF VOCATIONAL COOPERATIVE EDUCATION PROGRAMS 3
Also offered as BTE 380. Incl Clin Exp: 5 hrs, Type 10.
Planning and organizing a cooperative program; emphasis on recruitment, selection of training stations, student placement, and operation of cooperative plan.

382 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS 3
Also offered as BTE 382 and TEC 306. Incl Clin Exp: 5 hrs, Type 10.
Coordination techniques needed for high school and post-secondary teacher coordination in integrating classroom activities with daily employment.

394 HEALTH ASPECTS OF AGING 3 S
Also offered as HSC/KNR 394.
Characteristics of the aging process and factors influencing adaptations and the quality of living.

398 PROFESSIONAL PRACTICE: FAMILY AND CONSUMER SCIENCES 2-4 F,S,Summer
Jr/sr standing (74 hrs) req; FCS 200 and 50 percent seq req; 2.00 overall GPA on date of app req. May be repeated once. See advisor for additional seq req. Placement is not guaranteed. Prior cons dept chair req.
Planned and supervised work experience in government, community, business, or industry.

398.01 PROFESSIONAL PRACTICE: CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS

398.02 PROFESSIONAL PRACTICE: CONSUMER SCIENCES

398.03 PROFESSIONAL PRACTICE: FOOD—NUTRITION OR DIETETICS

398.04 PROFESSIONAL PRACTICE: INTERIOR AND ENVIRONMENTAL DESIGN

398.05 PROFESSIONAL PRACTICE: APPAREL MERCHANDISING AND DESIGN

HEALTH SCIENCES (HSC) 522

Felmley Hall, (309) 438-8329
Web address: www.healthsciences.ilstu.edu
Email address: hscinfo@ilstu.edu

Chairperson: Marilyn Morrow.
Tenured/Tenure-track Faculty:
Professor: Bierma, Kelley.
Associate Professor: Broadbear, Byrns, Jin, Micke, Morrow, Simmons, Temple, Waterstraat.
Assistant Professors: Barham, Cole, Miller, Van Draska, Woeste.

General Department Information

HONORS IN HEALTH SCIENCES

The Department offers honors study to qualified students who will pursue an individualized course of study. To qualify, students must be declared majors in the Department, have completed 30 hours of credit, have and maintain a min-

imum cumulative 3.50 GPA; and have and maintain a 3.50 GPA in the major. To graduate with Departmental Honors, students must be a member of the University Honors Program and complete 12 credit-hours of honors work in Health Sciences courses selected from at least two of the following options: Honors Undergraduate Research, Honors Independent Study, in-course Honors, or Honors Undergraduate Teaching Assistant. Students interested in the Honors Program must contact the departmental advisor to complete an orientation and planning meeting.

Clinical Laboratory Science Program

Web site: www.healthsciences.ilstu.edu/cls/

Degree Offered: B.S.

Clinical laboratory scientists work as a part of the medical team. They analyze body fluids and perform tests using highly specialized equipment to diagnose diseases and monitor treatment. They are largely employed in hospitals and private clinical laboratories and industry. Graduates of the program are eligible to write a national certification examination.

New Freshmen and New and Internal Transfer Admission Requirements:

New freshmen, new transfer students, and internal transfer students (current Illinois State students wanting to change their majors) desiring admittance to the Clinical Laboratory Science (CLS) program must meet the admission requirements established by the University. Internal transfer students must also have a minimum cumulative GPA of 2.00 and a grade of C or better in courses required for the major. NOTE: Evidence of hepatitis B immunization is required for enrollment in some CLS courses.

Standards for Progress in the Major:

CLS majors must earn grades of C or higher in all courses required by the major and maintain a minimum cumulative GPA of 2.00 or higher to be retained in the program.

CLINICAL EXPERIENCES IN CLINICAL LABORATORY SCIENCE

Clinical experiences are provided off-campus in hospitals affiliated with the University. The experience involves technical instruction in hematology, clinical chemistry, blood banking, pathogenic microbiology and other aspects of laboratory medicine. Students are responsible to provide their own transportation and housing during the clinical experience. Students apply for acceptance into the clinical experience during the fall of the junior year. Students must have maintained a cumulative 2.00 GPA and have received a grade of C or better in all courses required for the major to be eligible for the clinical experience.

Two clinical experience options are available: the Standard Track and the Alternative Track. The Standard Track is two semesters; clinical experience in the fall and lecture in the spring semester. The Alternative Track is a 10-12 month experience in an accredited hospital-based program which includes both lecture and laboratory practice throughout. Enrollment in the Alternative Track is extremely limited (see the program director for further details). See the Clinical Laboratory Science Student Handbook for more information and a current list of Standard Track and Alternative Track locations. Students must complete an entire set of clinical experience courses (Standard Track or Alternative Track) to be eligible for national certification.

MAJOR IN CLINICAL LABORATORY SCIENCE

- 73 hours as specified below.
- Required courses (22 hours): HSC 260, 261, 262, 263, 301, 302, 308 and clinical experiences either as:
  Standard Track (27 hours): HSC 312, 315, 316, 317, 318, 319, 325, 398.22, 398.23, 398.24, 398.27, 398.28, 398.29, **or**
  Alternative Track (27 hours): HSC 331, 332, 333, 334, 335, 336, 337, 338, 339.
- Required courses outside Health Sciences (21 hours): BSC 203, 220, 260 and 219 or 283; CHE 141, 220.
- Required General Education courses (14 hours): BSC 196, 197; CHE 140; MAT 120.
- Strongly recommended courses: HSC 105, 160, 204, and a computer course.
- **NOTE:** This major may require more hours than indicated due to prerequisites or lack of prior skill.

A.A.S. to B.S. Degree:

Persons possessing an Applied Associate of Science degree in clinical (medical) laboratory technology from an Illinois community college may complete a B.S. through the Illinois Articulation Initiative. To qualify, students must be certified as a medical laboratory technician by the American Society of Clinical Pathologists or as a clinical laboratory technician by the National Credentialing Agency. Qualified students are awarded proficiency credit for some of the A.A.S. courses. Interested students should contact the Clinical Laboratory Science program director for details.

Accreditation:

The Clinical Laboratory Science program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences, www.naacls.org/

Environmental Health Program

Web site: www.healthsciences.ilstu.edu/envhealth/

Degree Offered: B.S.

Environmental Health specialists identify and resolve problems that occur when humans interact with their environment. Some of these environmental problems include indoor and outdoor air pollution, water pollution, food contamination, hazardous wastes, insect-borne diseases, occupational hazards, and chemical or biological terrorism. Environmental Health specialists identify, implement, and

evaluate the best methods of controlling or preventing these problems. Employment opportunities include private consulting firms; industry; non-profit organizations; and local, state, or federal agencies.

New Freshmen, New and Internal Transfer Admission Requirements:

Entering freshmen, transfer students and internal transfer students (current Illinois State students wanting to change their major or minor) desiring admission to the Environmental Health (EH) program must meet admission requirements established by the University. Internal transfer students must have a minimum cumulative GPA of 2.00. Students should schedule an appointment with the departmental academic advisor for information.

Standards for Progress in the Major:

Students must maintain a cumulative GPA of 2.00 to be retained in the major.

Accreditation:

The Environmental Health program is accredited by the National Environmental Health Science and Protection Accreditation Council, www.ehacoffice.org/.

MAJOR IN ENVIRONMENTAL HEALTH

- 42 hours in Health Sciences required.
- Required courses (18 hours): HSC 145, 156, 204*, 249, 258, 355.
- Professional Practice (9 hours): 398.01.
- Group 1 elective courses (15 hours): HSC 247, 248, 252, 254, 257, 322, 350, 359.
- Group 2 (additional) elective courses (3 hours): HSC 271, 378, 381, 383; CHE 215, 242, 280; ECO 255; HIS 240; GEO 102, 276, 336. Additional courses may be approved by the program director.
- Required courses outside of Health Sciences (15 hours, excluding required General Education courses): CHE 141, 220; KNR 182; MAT 119.
- Required General Education courses (20 hours): BSC 160; CHE 140; HSC 156; MAT 120 or 145; PHY 105 or 108.
- ***NOTE:** General Education courses MQM 100 or either ECO 138, GEO 138, POL 138, or PSY 138 may be substituted for HSC 204.

MINOR IN ENVIRONMENTAL HEALTH

- 15 hours in Health Sciences required.
- Required courses (6 hours): HSC 145, 156**.
- Elective courses (9 hours): HSC 247, 248, 249, 252, 254, 257, 258, 322, 350, 359, 383 (no more than 6 hours from HSC 248, 359 and 383 may be counted towards the minor).
- Required courses outside of Health Sciences: (a minimum of 11 hours): CHE 140**, 141; MAT 119 or 120** or 145.

  ****NOTE:** CHE 140, MAT 120, 145; and HSC 156 are General Education courses.

Health Education Program

Web site: www.healthscience.ilstu.edu/healthed/

Degrees Offered: B.S., B.S. in Ed.

Health Educators are people working with people. They work in schools or community settings. They promote positive health behaviors by giving presentations, planning and implementing programs, preparing newsletters/brochures, assessing individual health needs, teaching and training, coordinating community/school efforts, and acting as a resource person. Every Health Education major completes a core of 21 hours and either a sequence in school health education or community health education.

New Freshmen, New and Internal Transfer Admission Requirements:

New freshmen and transfer students desiring admission to the Health Education (HED) program must meet the admission requirements established by the University. Those students wishing to be admitted into the School Health sequence of Health Education must apply for and be admitted into the University Professional Studies program (see Teacher Education Admission and Retention in this *Undergraduate Catalog*). Students currently enrolled at the University who wish to change their major or minor to HED must have a minimum cumulative GPA of 2.50. Transfer students and internal transfer students should schedule an appointment with the departmental academic advisor for information.

Standards for Progress in the Major and Minor:

School Health Education Sequence: All students should have a projected program plan completed in consultation with the departmental academic advisor. A minimum cumulative and major GPA of 2.50 is required for admission to Student Teaching as well as for retention in the Health Education program. Admission to Professional Studies is contingent upon recommendation of Health Education faculty and the Teacher Education Coordinator following completion of the Clinical Experience in HSC 391. Those majors in the School Health Education Sequence must also complete a Teacher Education minor with a minimum GPA of 2.50.

Community Health Education Sequence: All students should have a projected program plan completed in consultation with the departmental academic advisor. A minimum cumulative and major GPA of 2.50 is required for retention in the Community Health Education program as well as for enrollment in Professional Practice, HSC 398.02.

Minors in Health Education: Minors in either Community Health Education or School Health Education should have a projected program plan completed in consultation with the departmental academic advisor. A minimum cumulative minor GPA of 2.50 is required for retention in the program.

CLINICAL EXPERIENCES IN SCHOOL HEALTH EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Accreditation:

The School Health Education curriculum is accredited by the National Council for Accreditation of Teacher Education (NCATE), www.ncate.org/. It is also accredited by the American Association for Health Education (AAHE), www.aahperd.org/aahe/template.cfm. The Community Health Education curriculum has been approved through combined review of two health education professional organizations.

MAJOR IN HEALTH EDUCATION

— 53 total hours (School Health Education) or 54 total hours (Community Health Education) required.
— Required core courses (18 hours) including: HSC 190, 290, 292, 297, 390; SOC 123.

Health Education majors must also complete either the School Health Education Sequence or the Community Health Education Sequence.

School Health Education Sequence:

This sequence is part of the program leading to a 6-12 secondary certificate.

— Required courses (6 hours): HSC 387, 391 (3 hours).
— Elective (3 hours): 1 course selected from: FCS 102; HSC 105, *156, 296
— Students must complete an education minor, the Professional Education requirements (26 hours, including 12 hours of student teaching) as described in the Teacher Education requirements section of this *Undergraduate Catalog* and the General Education requirements. A 2.50 major GPA is required for admission to Professional Studies and for student teaching.
— **NOTE:** This major does not meet middle-level endorsement requirements for the State of Illinois. See advisor for information on this endorsement.

* HSC 156 is a General Education course.

Community Health Education Sequence:

— Required courses (27 hours): *BSC 145; **HSC 204, 286, 296, 395, 396, 398.02.
— Electives (9 hours) chosen in consultation with an advisor, 3 courses from the following: FCS 102; HSC 105, 156, 208, 387, 394; SOC 212, 262, 264, 310, 341.
— 2.50 cumulative and major GPA prior to the semester of enrollment in HSC 398.02.

NOTE: *BSC 145 meets General Education requirement for OC-SMT. **General Education courses MQM 100 or either ECO 138, GEO 138, POL 138, or PSY 138 may be substituted for HSC 204.

MINOR IN HEALTH EDUCATION

Minor in School Health Education:

— 26 hours required.
— Required courses (20 hours): HSC 190, 290, 292, 297, 390, *391 (2 hours); SOC 123
— Electives (6 hours): FCS 102; HSC 105, **156, 296, 387.

NOTE: * Minors must take HSC 391 in a fall semester.
** HSC 156 is a General Education course.

Minor in Community Health Education:

— 24 hours required.
— Required courses (15 hours): HSC 190, 290, 292, 296, 297.
— Electives (9 hours): 3 courses from: FCS 102; HSC 105, *156, *208, 387, 394; SOC 212, 262, 264, 310, 341. Six (6) hours must be from Health Sciences (HSC) courses and at least 3 of the six (6) hours must be at the 300 level. Other advanced-level Health Sciences courses may be substituted as electives with consent of Health Sciences advisor

NOTE: *HSC 156 and 208 are General Education courses.

Health Information Management Program

Web site: www.healthscience.ilstu.edu/health_info_manag/

Degree Offered: B.S.

Health information managers are professionals responsible for the management of health data and health information systems in health care organizations and organizations that use health data. They ensure data quality; code and classify data; maintain data security and privacy; design,

implement and manage health information systems; evaluate medical care data to monitor quality and risk; and manage support personnel.

MAJOR IN HEALTH INFORMATION MANAGEMENT

New Freshmen, New and Internal Transfer Admission Requirements:

New freshmen, transfer students and internal transfers (current Illinois State students wanting to change their major) desiring admission to the Health Information Management Program must meet the admission requirements established by the University. Students currently enrolled at Illinois State University who wish to change their major to Health Information Management (HIM) must have a minimum cumulative GPA of 2.00. Transfer students and students currently enrolled at the University should see the Department academic advisor for information.

Standards for Progress in the Major:

Students must earn grades of C or higher in all courses required by the HIM major and maintain a minimum cumulative 2.00 GPA for retention in the major. Students must have a grade of C or better in the following courses, or their equivalents, to enroll in the HIM professional courses: KNR 181 and 182 and HSC 105.

— Prerequisite courses (12-14 hours): ECO 101 or 103 or 105; HSC 105; KNR 181 and 182.
— Major courses (58 hours): HSC 200, 201, 202, 204*, 210, 212, 213, 214, 230, 300, 310, 320, 340, 345, 346, 398.03; ENG 145 or 249; MQM 220, 323.
— Recommended course: ITK 160.

***NOTE:** General Education courses MQM 100 or either ECO 138, GEO 138, POL 138, or PSY 138 may be substituted for HSC 204.

Accreditation and Credentialing:

The program is accredited by the Commission on Accreditation of Health Informatics and Information Management in cooperation with the Council on Accreditation of the American Health Information Management Association, www.caahep.org/caahep/. Graduates of the program are eligible and expected to write the National Registration Examination. Successful completion of the registry examination leads to the Registered Health Information Administrator (RHIA) professional designation.

Safety Program

Web site: www.healthsciences.ilstu.edu/safety/

Degree Offered: B.S.

Safety professionals apply principles drawn from such disciplines as technology, the sciences, management, communication, health, and education to reduce the risk of harm to people, property and the environment. Safety professionals have the knowledge and skills to identify, evaluate, and cost-effectively control or prevent the hazards that can produce harm to people, property and the environment. Successful safety professionals are effective communicators with strong "people skills." Safety professionals are employed in a variety of public and private sector assignments, including manufacturing, insurance, construction, government, and consulting.

New Freshmen, New and Internal Transfer Admission Requirements:

New freshmen, transfer students and internal transfer students (current Illinois State students wanting to change their major) desiring admission to the Safety (SAF) program must meet the admission requirements established by the University. Students currently enrolled at Illinois State who wish to change their major to SAF must have a minimum cumulative GPA of 2.00. Students should see the Department academic advisor for information.

Standards for Progress in the Major:

A minimum cumulative GPA of 2.00 is required for retention in the program. All students should have a projected plan of study completed in consultation with the departmental academic advisor.

Professional Affiliation:

Professional affiliation is with the American Society of Safety Engineers (ASSE), Central Illinois Chapter, Illinois State University student section, www.asse.org/index.html.

MAJOR IN SAFETY

— 39 hours in Health Sciences required.
— Required courses (21 hours): HSC 248, 271, 359, 370, 380, 381, 382.
— Professional Practice (6 hours): 398.04.
— Four elective courses selected from the following (12 hours): HSC 272, 362, 372, 378, 383, 384, 385; KNR 342**
— Required courses outside of Health Sciences (8-13 hours): CHE 141***, CHE 220; TEC 130.
— Required General Education courses: CHE 110 and 112 or CHE 140***; MAT 120; PHY 105 or 108; MQM 100; or either ECO 138, GEO 138, POL 138, or PSY 138*.

***NOTE**: HSC 204 may be substituted.
**KNR 181 is a prerequisite for KNR 342 (elective course).
***Required for students choosing the CHE 140 & 141 chemistry sequence.

MINOR IN SAFETY

— 21 hours in Health Sciences required.
— Required courses (6 hours): HSC 271, 381.
— Elective courses selected from the following (15 hours): HSC 248, 272, 359, 362, 370, 372, 378, 380, 382, 383, 384, 385.
— Required courses outside of Health Sciences (12-14 hours): CHE 110, 112 or CHE 140; MAT 120; PHY 105 or 108.

Health Sciences Courses

105 MEDICAL TERMINOLOGY 3 F,S
Study of basic language related to medical science and allied health specialties with emphasis on word analysis, construction, definitions, pronunciation, spelling, and standard abbreviations.

145 ENVIRONMENTAL HEALTH PRACTICE 3 F,S
Maj/min or cons inst req. Formerly 245.
Introduction to problem-solving and critical thinking tools and skills used in the practice of environmental health.

156 ENVIRONMENTAL HEALTH IN THE 21ST CENTURY: MEETING THE GLOBAL CHALLENGE OC-SMT 3 F,S
Inner Core req. Not for cr if had HSC 155.
Application of scientific methods of inquiry to understand environmental problems as they affect public health and personal well-being.

160 INTRODUCTION TO CLINICAL LABORATORY SCIENCE 2 F
Profession of Clinical Laboratory Science emphasizing origin, goals, organizational structure, professional requirements, interrelationships with other professions, professional ethics, and considerations for future.

170 SAFETY AND SOCIETY OC-SS 3 F,S
Inner Core req.
Examines the impact of the social sciences upon safety and accident prevention. Focuses on cultural influences from a global perspective.

176 INTRODUCTION TO MOTORCYCLE SAFETY 1 S
Not for cr maj/min.
Classroom and laboratory experiences provide basic knowledge, skills, and techniques necessary for the safe operation of a motorcycle.

190 FOUNDATIONS OF HEALTH EDUCATION 3 F,S
Health Ed maj/min only.
The historical and philosophical perspectives of the development of Health Education. A comparison of the major concepts and theories of health and characteristics of health education programs in schools and communities.

200 HEALTH INFORMATION TECHNOLOGY 3 S
HSC 105, 201 and 210 req. Maj only. Materials charge optional. Formerly HEALTH INFORMATION MANAGEMENT.
Understanding the role and requirements of information technology in health information management.

201 PATHOPHYSIOLOGY I 3 F
Grade of C or better in HSC 105, KNR 181 and 182 req. HCS maj only. Formerly FUNDAMENTALS OF MEDICAL SCIENCE I.
Study of human disease processes, including the diagnosis, treatment and management of patients.

202 PATHOPHYSIOLOGY II 3 S
HSC 201 req. Formerly FUNDAMENTALS OF MEDICAL SCIENCE II.
Continuation of HSC 201.

204 HEALTH DATA ANALYSIS 3 F,S
HCS maj only.
Theory and practice of analysis and presentation of data for management and research in the Health Sciences.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES OC-SMT 3 F,S
Inner Core req. MC-IS category req. Also offered as FCS/KNR 208.
Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

210 INTRODUCTION TO HEALTH INFORMATION MANAGEMENT 3 F
Grade of C or better in HSC 105; KNR 181 and 182 req. Lecture and lab. Materials charge optional.
Introduction of health information management principles, policies and procedures including health data content, collection, quality, registries, access, and retention.

212 HEALTH DATA CLASSIFICATION AND INDEXING SYSTEMS 3 S
HSC 201 and 210 req.
Introduction to the application of diagnosis and procedure classification systems and indexing systems.

213 ADVANCED APPLICATIONS OF HEALTH DATA CLASSIFICATIONS AND INDEXING SYSTEMS 3 F
HSC 202, 212, and 398.03 req.
Application of advanced concepts in classification and indexing systems including quality and performance monitoring.

214 ALTERNATIVE CLASSIFICATION SYSTEMS 2 S
HSC 213 req.
Application of various ambulatory and specialized diagnosis and procedure classification systems utilized in alternative health care settings.

230 LEGAL ASPECTS OF HEALTH INFORMATION AND RISK MANAGEMENT 3 S
HSC 105 and 210 or cons inst req. Maj only. Formerly LAW, HEALTH CARE AND DOCUMENTATION.
Review and application of laws, policies, procedures and practices applying to the legal aspects of health information and risk management.

247 WASTE MANAGEMENT PRACTICES 4 F
MAT 119; CHE 140, 141 req; HSC 145 req. Materials charge optional. Formerly HSC 347.
Sewage, solid, and hazardous waste sources; effects on health and environment, treatment processes, and control measures.

248 OCCUPATIONAL HEALTH 3 F,S
CHE 110 and 112 or CHE 140 req.
Adverse environmental conditions encountered in the workplace affecting the efficiency, health, and well-being of employees.

249 ENVIRONMENTAL TOXICOLOGY 3 F
MAT 120 or 145; CHE 140, 141 req; CHE 220 or conc reg req; KNR 182 and HSC 145 req. Formerly HSC 349.
Toxicants such as heavy metals, gases, vapors, dusts, pesticides, food additives, and their effects on health and the environment.

252 WATER QUALITY AND TREATMENT 3 S
MAT 120 or 145; CHE 140 and 141; HSC 145; BSC 160 or conc reg req. Lecture and lab. Materials charge optional. Formerly HSC 352.
Water quality maintenance for drinking and recreational use; health effects and control measures are considered.

254 CONTROL OF INSTITUTIONAL ENVIRONMENTS 3 F
CHE 140 req;CHE 141 or conc reg req; HSC 145; BSC 160 or conc reg req. Lecture and lab. Materials charge optional.
Environmental health aspects of hospitals, nursing homes, penal institutions, schools, colleges and universities. Control of physical, chemical and microbiological hazards.

257 AIR QUALITY AND POLLUTION CONTROL 3 S
CHE 140, 141 req; CHE 220 or conc reg req; MAT 119; KNR 182 or conc reg req; HSC 145 req. Lecture and lab. Materials charge optional. Formerly HSC 357.
Air contaminants found in the ambient air, workplace, and home, including health effects, measurement, and control.

258 EPIDEMIOLOGY 3 S
MAT 119 req; BSC 160 or 260 or conc reg req; HSC 145 and 204 req.
Principles and methods governing the surveillance and investigation of disease and injury in human populations.

260 INTRODUCTION TO CLINICAL IMMUNOHEMATOLOGY 3 F
C or better in BSC 196, 197, CHE 140 and 141 req; conc reg in HSC 261, 262, 263 req. CHE 220 rec. Maj only; jr standing. Lecture and lab. Materials charge optional. Formerly INTRODUCTION TO THE MEDICAL LABORATORY: IMMUNOHEMATOLOGY AND SEROLOGY.
Basic principles and procedures of immunohematology (blood banking).

261 INTRODUCTION TO CLINICAL HEMATOLOGY 4 F
C or better in BSC 196, 197, CHE 140 and 141 req; conc reg in HSC 260, 262, 263 req. CHE 220 rec. Maj only; jr standing. Lecture and lab. Materials charge optional. Formerly INTRODUCTION TO THE MEDICAL LABORATORY: HEMATOLOGY
Basic principles of hematology and body fluid analysis.

262 INTRODUCTION TO CLINICAL CHEMISTRY 4 F
C or better in BSC 196, 197, CHE 140 and CHE 141 req; conc reg in HSC 260, 261, 263 req. CHE 220 rec. Maj only; jr standing. Lecture and lab. Materials charge optional. Formerly INTRODUCTION TO THE MEDICAL LABORATORY: APPLIED CLINICAL ANALYSIS
Basic principles and procedures and of clinical chemistry and urinalysis.

263 INTRODUCTION TO CLINICAL IMMUNOLOGY 3 F
C or better in BSC 196, 197, CHE 140 and CHE 141 req; conc reg in HSC 260, 261, 262 req. CHE 220 rec. Maj only; jr standing. Lecture and lab. Materials charge optional.
Basic principles and procedures of immunology and serology.

271 SAFETY TECHNOLOGY 3 F,S
CHE 102 or CHE 110 and 112 or CHE 140; MAT 120 or MAT 121 or MAT 145 req.
Controlling production costs due to accidents. Addresses legislation, worker's compensation, hazard recognition, and safety planning. Includes basic engineering solutions.

272 CONSTRUCTION SAFETY 3 F,S
MAT 120 req.
Addresses employee safety training requirements, record-keeping, hazard recognition, safety inspections, and program planning in the construction industry.

286 NEEDS ASSESSMENT IN HEALTH EDUCATION 3 S
HSC 190 req. Health Ed maj/min only.
Emphasis on procedures which identify Health Education priorities of populations in various settings. Examination of health needs of select populations.

290 STRATEGIES IN HEALTH EDUCATION 3 F,S
HSC 190 req. Computer skills rec. Inc Clin Exp: 5 hrs, Type 1, 3, 5. Maj/min only.
Examination of the educational process, methods, strategies, and techniques in Health Education, communication techniques and current resources.

292 COMMUNITY PUBLIC HEALTH 3 F,S
HSC 190 or cons inst req. Maj/min only.
Introduction to community public health at local, state, and national levels. Includes emphasis on community health problems, institutions and resources.

296 CONCEPTS IN HEALTH EDUCATION 3 F,S
HSC 190 req. Maj/min only.
An examination of health determinants, major theories, and models of health behavior. Application to Health Education programming will be emphasized.

297 MODERN HEALTH PROBLEMS 3 F,S
Health Ed maj/min only.
Emphasis on recent developments in selected critical health areas and their application to individual health habits and attitudes.

300 HEALTH INFORMATION SYSTEMS 3 F
HSC 200 req; ENG 145 or 249 or conc reg req. Maj only. Formerly MEDICAL INFORMATION SYSTEMS DESIGN.
Management and analysis of health data using health information systems.

301 INTRODUCTION TO COAGULATION AND HEMOSTASIS 2 S
HSC 261 req. Materials charge optional. Formerly 361.
Principles and test procedures related to blood coagulation and hemostasis. Correlation of test results in disease states.

302 INTRODUCTION TO CLINICAL BIOCHEMISTRY 3 S
HSC 262 or cons inst req. Formerly CLINICAL INSTRUMENTATION; and ADVANCED APPLIED CLINICAL ANALYSIS AND INSTRUMENTATION
Theory and principles of advanced instrumentation and techniques used in reference, pharmaceutical, and biotechnology laboratories as related to disease diagnosis.

308 INTRODUCTION TO CLINICAL MICROBIOLOGY 4 S
BSC 260 req. Lecture and lab. Materials charge optional.
Survey of medical microbiology with emphasis on common pathogens. Included are taxonomy, identification, culture methods, procedures and antibiotic susceptibility testing.

310 HEALTH INFORMATION MANAGEMENT SEMINAR 2 S
HSC 213, 345 and 346 req. Maj only.
Literature survey and intensive exploration of issues, problems and trends in the health information management.

312 CLINICAL CHEMISTRY 3 S
HSC 262; BSC 203; MAT 120 or cons inst req. Formerly CLINICAL BIOCHEMISTRY.
Concentrated laboratory instruction and theoretical applications of clinical biochemistry. Current testing procedures, method comparison, and quality assurance are studied.

315 CLINICAL PARASITOLOGY AND MYCOLOGY 2 S
HSC 308 req.
General techniques for identification of clinically significant parasites and fungi. Morphology, symptomology, and epidemiology are stressed.

316 CLINICAL LABORATORY SCIENCE: RESEARCH DESIGN 1 S
HSC 260, 261 and 262 or cons inst req. Formerly CLINICAL LABORATORY SCIENCE:SPECIAL TOPICS.
Research design in clinical laboratory science.

317 CLINICAL HEMATOLOGY 2 S
HSC 261, 301 req.
Advanced concepts in Hematology. Clinical correlation of test results and disease are emphasized.

318 CLINICAL MICROBIOLOGY 2 S
HSC 308 and BSC 260 req.
Comprehensive medical microbiology with emphasis on characterization of less common pathogens, interpretation of clinical data and etiology.

319 CLINICAL IMMUNOHEMATOLOGY 3 S
HSC 260 and BSC 219 or 283 req.
Advanced concepts in Immunohematology. Donor criteria, component therapy, transfusion and problem solving are emphasized.

320 ORGANIZATION AND MANAGEMENT OF HEALTH INFORMATION SERVICES 3 S
HSC 230, 300, 345 and 346; MQM 323 req. Formerly HSC 220. Maj only.
Managerial decision making for planning, organizing, staffing, directing and controlling the functions, operations and resources of a health information department.

322 POLLUTION PREVENTION 3 F
HSC 145, 247; MAT 119 req.
Basic methods in pollution prevention as applied to industrial and nonindustrial settings.

325 LABORATORY EDUCATION AND MANAGEMENT 2 S
HSC 260, 261 and 262 or cons inst req.
Foundational concepts of education and management, with emphasis on philosophies, methods and techniques for professional application with practicum.

331 APPLIED CLINICAL LABORATORY MANAGEMENT 1-3 F,S,Summer
HSC 260, 261 and 262 or cons of inst req. Lecture in a clinical setting. May repeat max 3 hrs.
Concentrated instruction in the fundamentals of laboratory management including regulatory, budgetary, personnel and educational issues.

332 APPLIED CLINICAL BIOCHEMISTRY 1-7 F,S,Summer
HSC 302 req. Lecture and lab in a clinical setting.
Concentrated laboratory instruction in clinical biochemistry. Current testing procedures, instrumentation and quality assurance are studied.

333 APPLIED CLINICAL IMMUNOLOGY 1-6 F,S,Summer
HSC 260 and 308 req. Lecture and lab in a clinical setting. Formerly APPLIED CLINICAL SEROLOGY AND IMMUNOLOGY
Concentrated laboratory instruction in clinical serology and immunology. Current testing procedures, instrumentation and quality assurance are studied.

334 APPLIED CLINICAL URINALYSIS 1-3 F,S,Summer
HSC 262 req. Clinical lab only.
Concentrated laboratory instruction in routine and special urinalysis procedures.

335 APPLIED SPECIAL MICROBIOLOGY 1-6 F,S,Summer
HSC 308 req. Lecture and lab in a clinical setting. Formerly APPLIED CLINICAL PARASITOLOGY AND MYCOLOGY.
Concentrated laboratory instruction in the identification of significant pathogens requiring unique identification methods. May include virology, parasitology or mycology.

336 CURRENT ISSUES IN CLINICAL LABORATORY SCIENCE 1 F,S,Summer
HSC 260, 261 and 262 or cons inst req. Lecture and lab in a clinical setting.
Current topics and trends in clinical laboratory science. Emphasis on concepts of education and management for professional application.

337 APPLIED CLINICAL HEMATOLOGY 1-6 F,S,Summer
HSC 261 and 301 req. Lecture and lab in a clinical setting. Formerly HSC 367 CLINICAL HEMATOLOGY.
Concentrated laboratory instruction in clinical hematology and coagulation. Current testing procedures, instrumentation and quality assurance are studied.

338 APPLIED CLINICAL MICROBIOLOGY 1-6 F,S,Summer
HSC 308 req. Lecture and lab in a clinical setting.
Concentrated laboratory instruction in clinical microbiology, including identification of pathogens, culture methods, procedures, antibiotic testing and interpretation of clinical data.

339 APPLIED CLINICAL IMMUNOHEMATOLOGY 1-4 F,S,Summer
HSC 260 req. Lecture and lab in a clinical setting.
Concentrated laboratory instruction in blood bank. Current testing procedures, donor collection, preparation of blood components and quality assurance are studied.

340 TRENDS IN HEALTH CARE DELIVERY 3 F
HSC 210, 212 and 398.03 req. Maj only.
Review of emerging nontraditional and specialized health care facilities including organization characteristics, accreditation standards, regulatory requirements and health information applications.

345 QUALITY MANAGEMENT IN HEALTH CARE 3 F
HSC 204, 210, and 212 or cons inst req. Maj only. Formerly QUALITY ASSURANCE IN HEALTH CARE.
Review and application of strategies to investigate, identify, assess, resolve and monitor performance using health data.

346 HOSPITAL BUDGETING PROCEDURES 3 S
HSC 212 and 200 or cons inst req. Maj only.
Systematic study of hospital planning; coordination of resources and expenditures; reimbursement methods.

350 FOOD PROTECTION 3 S
HSC 145; CHE 140 req; CHE 141 or conc reg req; BSC 160 or conc reg req. Lecture and lab. Materials charge optional.
An intensive study of the laws, principles, and techniques applied in the protection of food and milk for human consumption.

355 ENVIRONMENTAL HEALTH DECISION PROCESSES 3 S
HSC 145 and 156 req. Sr maj in Env Health Program or cons inst req.
Intensive study of the decision making techniques, organizational structure, interagency relationships, program methodologies, and legal aspects of environmental health practice.

359 INDUSTRIAL HYGIENE 3 F,S
HSC 248; MAT 120 or 145 req. Lecture and lab. Materials charge optional.
Techniques for measurement, evaluation, and control of chemical and physical hazards in occupational environments.

362 ERGONOMICS 3 S
HSC 248 or 271 and PHY 105 or 108 req. Lecture. Formerly HSC 462.
Overview of physical and psychological aspects of ergonomics, including workstation design, its role in accident causation, and ergonomic-related injuries and illnesses.

370 INDUSTRIAL SAFETY 3 F
HSC 271, PHY 105 or 108 req. Formerly INDUSTRIAL ACCIDENT PREVENTION.
Principles, responsibilities, and techniques for developing, organizing, implementing, and administering an industrial safety program.

372 ACCIDENT/INCIDENT INVESTIGATION, RECORDS, AND EVALUATION 3 F
PHY 105 or 108; HSC 271 or conc reg req.
Theory, function and application of accident/incident investigation, reporting, and analysis systems. Form design, utilization and record keeping procedures.

378 DISASTER PREPAREDNESS 3 S
CHE 110 and 112 or CHE 140; MAT 120 or cons inst req.
Organizing, directing, coordinating disaster services in schools, industry, and local government. Includes a hands-on disaster exercise.

380 FIRE PROTECTION AND PREVENTION 3 F
HSC 370 or conc reg req.
Measures related to safeguarding human life and preservation of property in prevention, detection, and suppression of fire.

381 OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) 3 F,S
Jr/Sr standing; or cons inst req.
Interpretation of the provisions of the Occupational Safety and Health Act. The regulations, standards, and reporting requirements pursuant to it.

382 IMPROVING SAFETY PERFORMANCE 3 S
HSC 370; MQM 100 or ECO/GEO/POL/PSY 138 req. Formerly SAFETY PERFORMANCE CONTROL.
Development of specialized knowledge and skills in problem-solving; evaluation and implementation of occupational safety programs.

383 AGRICULTURAL SAFETY AND HEALTH 3 F
CHE 110 or 140, or cons inst req. Half-day field trip req. Also offered as AGR 383. Formerly AGRICULTURAL ACCIDENT PREVENTION.
Major problems of accident causation and prevention applicable to agriculture and the need for farm safety education, engineering, and enforcement of countermeasures.

384 HAZARDOUS MATERIALS REGULATION 3 F
CHE 220; HSC 271 req.
Overview of federal and state safety and environmental regulations dealing with hazardous materials in the workplace and community.

385 SYSTEM SAFETY 3 S
HSC 204 or MQM 100 or ECO/GEO/POL/PSY 138 req. Formerly SYSTEM SAFETY MANAGEMENT AND ENGINEERING.
Risk and life cycle concept. Application of inductive and deductive analytical techniques for hazard identification and risk assessment.

387 PROGRAMS IN SCHOOL HEALTH 3 F
HSC 290 and 292 req.
Comprehensive school health education with major topics of health education, school health programs, and school community collaboration.

390 DRUGS IN SOCIETY 3 F,S
Health Ed maj/min only. Jr/sr standing req.
Psychological, social, medical, legal, and economic aspects of use, misuse, and abuse of substances will be explored along with the implications for education and prevention.

391 CURRICULUM AND EVALUATION IN SCHOOL HEALTH 2-3 F,S
HSC 290, C&I 216 req. Adm to Professional Studies req. Health Ed maj req to take 3 hrs in spring; Incl Clin Exp: 35 hrs, Type 1,2,4. Health Ed minor and other teaching maj enroll for 2 hrs in fall. Formerly 288, SCHOOL HEALTH.
School health education standards, curriculum development and evaluation, student assessment and accommodation for student with special needs.

394 HEALTH ASPECTS OF AGING 3 S
Also offered as FCS/KNR 394.
Characteristics of the aging process and factors influencing adaptation and the quality of living.

395 MEDIA AND MATERIALS IN HEALTH EDUCATION 3 F
HSC 286 and 290 req. HSC maj only.
Analysis and development of print and non-print materials and their use by health educators.

396 HEALTH EDUCATION PROGRAM PLANNING AND EVALUATION 3 F
HSC 286 and 290 req. HSC maj only.
Theory and application of Health Education planning and promotion. Grantsmanship and evaluation will be emphasized.

398.01 PROFESSIONAL PRACTICE: ENVIRONMENTAL HEALTH INTERNSHIP 3-12 F,S,Summer
Cons program dir req. May be repeated; max 12 hrs.
Internship in a governmental, industrial, or institutional organization, providing on-the-job training and introduction to a career in environmental health.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP IN HEALTH EDUCATION 9 S,Summer
2.50 maj GPA; HSC 395 and 396 req.
Extended in-service experience under the guidance of qualified personnel in Health Education.

398.03 PROFESSIONAL PRACTICE: HEALTH INFORMATION MANAGEMENT: CLINICAL INTERNSHIP AND RESIDENCY 6 F,S,Summer
Maj only and cons program director req. Evidence of health insurance and professional liability insurance req.
Rotation and project assignments in medical record centers in Illinois area health facilities.

398.04 PROFESSIONAL PRACTICE: SAFETY 6-12 F,S,Summer
HSC 248, 271, 359, 381 and 6 hrs from HSC 272, 362, 370, 372, 378, 380, 382, 383, 384, 385 req. Sr standing; 2.00 maj and cum GPA req. Safety majors only. Formerly PROFESSIONAL PRACTICE: INTERNSHIP IN SAFETY and PROFESSIONAL PRACTICE: IN SAFETY.
Structured safety work experience under the supervision of an experienced safety professional in a business, industry, or government setting, with oversight by a Safety faculty member. Provides a capstone experience for Safety majors.

398.21 PROFESSIONAL PRACTICE: CLINICAL LABORATORY SCIENCE: SPECIAL STUDIES 1-8 F,S,Summer
C or better in HSC 260, 261, 262, 263, 301, 302, 308 req. Primarily for students completing the B.S. req through clinical study standard track.
Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

398.22 PROFESSIONAL PRACTICE: CLINICAL LABORATORY SCIENCE: BIOCHEMISTRY 2 F,S
C or better in HSC 260, 261, 262, 263, 301, 302, 308 req. Primarily for students completing the B.S. req through clinical study standard track.
Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

398.23 PROFESSIONAL PRACTICE: CLINICAL LABORATORY SCIENCE: SEROLOGY 1 F,S
C or better in HSC 260, 261, 262, 263, 301, 302, 308 req. Primarily for students completing the B.S. req through clinical study standard track.
Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

398.24 PROFESSIONAL PRACTICE: CLINICAL LABORATORY SCIENCE: URINALYSIS AND BODY FLUIDS 1 F,S
C or better in HSC 260, 261, 262, 263, 301, 302, 308 req. Primarily for students completing the B.S. req through clinical study standard track.
Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

398.27 PROFESSIONAL PRACTICE: CLINICAL LABORATORY SCIENCE: HEMATOLOGY 2 F,S
C or better in HSC 260, 261, 262, 263, 301, 302, 308 req. Primarily for students completing the B.S. req through clinical study standard track.
Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

398.28 PROFESSIONAL PRACTICE: CLINICAL LABORATORY SCIENCE: MICROBIOLOGY 4 F,S

C or better in HSC 260, 261, 262, 263, 301, 302, 308 req. Primarily for students completing the B.S. req through clinical study standard track.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

398.29 PROFESSIONAL PRACTICE: CLINICAL LABORATORY SCIENCE: IMMUNOHEMATOLOGY 2 F,S

C or better in HSC 260, 261, 262, 263, 301, 302, 308 req. Primarily for students completing the B.S. req through clinical study standard track.

Structured, off-campus clinical laboratory experience under the guidance of qualified Clinical Laboratory Scientists. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills.

INFORMATION TECHNOLOGY (ITK) 515

202 Old Union, (309) 438-8338
Web address: www.itk.ilstu.edu

Director: Terry Dennis.
Tenured/Tenure-track Faculty:
Professors: Beccue, Crow, Gyires, Lim, Vila, Zant.
Associate Professors: Abuelyaman, Califf, Rariden.
Assistant Professors: Jong, Mahatanankoon, Portegys, Qaddour, Twitchell, Wallace, Wolf.

General School Information

The School of Information Technology (ITK) offers three degree programs: Information Systems, Computer Science, and Telecommunications Management. All three require substantial interpersonal communication skills as well as technical skills in computing, information technology and networks. The curricula have a strong practical emphasis on the application of computers, systems, and networking techniques to real world problems. Practical skills and applications are balanced with exposure to the knowledge base that underlies the field of computing. A core of 3 courses (10 hours) provides a common foundation for each degree program.

Both the Information Systems and Computer Science programs prepare a student for an application development oriented computing career, but, there are important differences in the context of the work to be performed, the types of problems to be solved, and the types of systems to be designed and built. Starting positions for either program include such job titles as programmer or programmer/analyst. The Telecommunications Management program prepares undergraduate students to enter the telecommunications industry in entry-level positions with adequate preparation to assume management positions once work experience is gained.

Department minors are intended to help majors in other departments focus on specific skills and electives which are relevant for their career needs. Minors are available in Information Systems and in Computer Science.

Academic Requirements:

For any student who enrolls in a course in the School of Information Technology, a grade of C or higher is required in all prerequisite courses. For majors, only courses in which the student has received a grade of C or higher may be counted toward the hours required in the major, including supporting requirements.

A student cannot pursue a double major with any two programs in the School of Information Technology. Also, a student cannot pursue both a major and a minor in Information Technology.

Admission Requirements:

A student may enter a major or minor in the School of Information Technology as a new freshman, a transfer student, or as a change of major at Illinois State University. Students should contact the Information Technology undergraduate advisor or University Admissions for minimum admission requirements.

Transfer Students:

Proficiency with the Java programming language is expected in 200-and 300-level Information Technology courses and usually obtained by completing ITK 168 or 177 and one of 178, 179, 277; or ITK 275.

HONORS IN INFORMATION TECHNOLOGY

The School offers honors work in all programs to highly qualified juniors and seniors. Candidates must have a 3.30 overall GPA and a 3.50 GPA in Information Technology. Honors requirements involve honors course work and the preparation of a substantial research paper or the completion of a significant application project prepared under the guidance of a faculty advisor. For further information contact the Director of Honors.

PROFESSIONAL PRACTICE

Each degree program requires a practical experience that may be satisfied by a directed project or an internship. An internship experience is the usual way for students to satisfy this requirement. ITK 191 (1 hour) is required and prepares students for fulfilling this requirement. It is recommended that ITK 191 be taken by the sophomore year.

Each directed project or internship requires the prior approval of the Information Technology Professional Practice Advisor.

The six (6) hours of Professional Practice credit counted toward the major will be graded. Any additional Professional Practice credit will be earned on a CR/NC

basis. A maximum of 16 hours of Professional Practice credit (ITK 391, 398) may be applied toward graduation. Students may not register for ITK 398 during the last semester of their studies.

MINOR IN COGNITIVE SCIENCE

The School of Information Technology participates in the Minor in Cognitive Science program. Several courses offered by the School contribute to the minor. For further information, please consult the School undergraduate advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

Information Systems Programs

Degree Offered: B.S.

MAJOR IN INFORMATION SYSTEMS

The Information Systems (IS) Major is designed to prepare professionals in Information Systems including such areas as systems analysis and design and software engineering. This degree focuses on the use of computer technology and information management methods to solve business problems. This requires an understanding of both the organizational context of the problem and the technologies, methodologies, and tools typically utilized. There are two sequences within this program: the Systems Development/Analyst Sequence and the Web Application Development Sequence. The Analyst sequence provides breadth and depth in analysis and design techniques preparing students to work in a variety of information technology environments, while the Web sequence emphasizes the development of Web/Internet-based business information systems. The Information Systems program is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET).

Preparation for Graduate Study:

The Information Systems major offers excellent preparation for a number of computer and management information systems master's programs. Students interested in an MBA program may want to combine this major with a Business Administration minor. Any student interested in graduate school should discuss options with faculty and an academic advisor during their junior year.

Systems Development/Analyst Sequence:

The Systems Development/Analyst Sequence is designed for the student who will seek a position as an Information Systems professional developing business-oriented information systems. This sequence provides depth in analysis and design techniques along with electives in emerging technologies. A minor is not required.

Information Technology courses (46 hours):
- Information Technology core (10 hours):
  - —ITK 160, 177, 261.
- Professional Practice (7 hours):
  - — ITK 191.
  - —1 of 3 options:
    - — 6 hours of ITK 398, or
    - — 3 hours of ITK 391 and 3 hours of ITK 398, or.
    - — 3 hours of ITK 391 and 1 of ITK 341, 346, 352, 353, 365, 367, 368.01 (if not used to satisfy other requirements).
- Other ITK course requirements (29 hours):
  - — ITK 178, 254, 272, 363, 372, 375, 378.
  - —2 additional courses from : ITK 341, 346, 352 or 353, 365, 367, 368.01 (if not used to satisfy other requirements).

Supporting requirements (33 hours):
- Mathematics and Statistics (11 hours):
  - —MAT 120 or 145, 160.
  - —1 statistics course, e.g. MQM 100; ECO/GEO/POL/PSY 138.
- Communication and Organization (22 hours):
  - —COM 223; ACC 131; ECO 105; MQM 220.
  - —1 of: COM 202, 227; ENG 249.
  - —2 of: ACC 132; FIL 185, FIL 240; MKT 230, ECO 225 or 228 or 239 or 245.

Web Application Development Sequence:

The Web Application Development Sequence is designed to give students a background for developing information systems in a Web/Internet-based environment. This sequence provides depth in Web development techniques and supporting technologies, along with related emerging technologies. A minor is not required.

Information Technology courses (45 hours):
- Information Technology core (10 hours):
  - —ITK 160, 177, 261.
- Professional Practice (7 hours):
  - —ITK 191.
  - —1 of: 3 options:
    - — 6 hours of ITK 398, or
    - — 3 hours of ITK 391 and 3 hours of ITK 398, or
    - — 3 hours of ITK 391 and 1 of ITK 341, 367, 368.03 (if not used to satisfy other requirements).
- Other ITK course requirements (28 hours):
  - —ITK 178, 254, 272, 352, 353, 375, 377, 378.
  - —1 additional course from: ITK 341, 367, 368.03 (if not used to satisfy other requirements).

Supporting requirements (33 hours):
- Mathematics and Statistics (11 hours):
  - —MAT 120 or 145, 160.
  - —1 statistics course, e.g. MQM 100; ECO/GEO/POL/PSY 138.
- Communication and Organization (22 hours):
  - —COM 223; ACC 131; ECO 105; MQM 220.
  - —1 of: COM 202, 227; ENG 249.
  - —2 of: ACC 132; FIL 185, FIL 240; MKT 230; ECO 225 or 228 or 239 or 245.

MINOR IN INFORMATION SYSTEMS

The Information Systems Minor is designed for people who will use computers as tools in their chosen profession or provide limited computer support for their work group, but not be computing professionals. The Application Development Concentration is a general information systems minor requiring the ITK core plus two elective courses.

Minor (22 hours):
- Required core (10 hours):
  - —ITK 160, 177, 261.
- Concentration (12 hours):
  - Application Development:
    - —ITK 178, 254.
    - —1 of: ITK 341, 352, 353, 365, 367, 368.01, 368.03, 375, 378.
    - —1 additional ITK 200 or 300-level course (at least 3 hours).

Computer Science Programs

Degree Offered: B.S.

MAJOR IN COMPUTER SCIENCE

This degree is designed for students who wish to pursue a comprehensive study of computer science that blends theory, abstraction, and design in a variety of traditional and current areas. Graduates will be prepared to work for a variety of companies including those that have a scientific, engineering, or mathematical focus. It would also prepare students to pursue graduate studies in Computer Science. The Computer Science program is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET).

Computer Science courses (47 hours):
- Computer Science core (10 hours):
  - —ITK 160, 168, 261.
- Professional Practice (7 hours):
  - —ITK 191.
  - —1 of: 3 options:
    - — 6 hours of ITK 398, or
    - — 3 hours of ITK 391 and 3 hours of ITK 398, or
    - — 3 hours of ITK 391 and 1 of ITK 326, 340, 341, 352, 353, 356, 367, 375, 378, 382, 384, 385, 388 (if not used to satisfy other requirements).
- Other ITK course requirements (30 hours):
  - —ITK 179, 225, 279, 327, 328, 383.
  - —2 of: ITK 326, 340, 356, 384, 388.
  - —2 additional courses from: ITK 326, 340, 341, 352, 353, 356, 367, 375, 378, 382, 384, 385, 388 (if not used to satisfy other requirements).

Supporting requirements (36-38 hours):
- Mathematics and Statistics (15-16 hours):
  - —MAT 145, 146, 260.
  - —1 of: MQM 100; MAT 350.
- Communication (6 hours):
  - — COM 223; ENG 249.
- Science (15-16 hours):
  - —1 pair of: CHE 140, 141; or PHY 110, 111.
  - —2 additional courses from: BSC 196, 197; CHE 140, 141; PHY 110, 111, 112, 375.

The Computer Science program does not require a minor but does require 36 to 38 hours in the supporting areas of mathematics, science, communication and organization.

Preparation for Graduate Study:

The Computer Science major should be elected by those students interested in traditional Computer Science graduate programs. Any student interested in graduate school should discuss options with faculty and an academic advisor during the junior year.

MINOR IN COMPUTER SCIENCE

This minor provides a solid foundation for using the computer as a tool in any discipline and may be of particular interest to majors in mathematics or the natural sciences. It provides an opportunity for students to gain knowledge in a specialized area such as graphics, parallel processing, or artificial intelligence.

Minor (22 hours):
- Required core (10 hours):
  - —ITK 160, 168, 261.
- Concentration (12 hours):
  - —ITK 179, 225, 279.
  - —1 of: ITK 327, 328, 340, 341, 352, 356, 384, 388.

Telecommunications Management Programs

Degree Offered: B.S.

MAJOR IN TELECOMMUNICATIONS MANAGEMENT

Telecommunications Management is concerned with information systems, telecommunications technology, computer technology, business practices, policy issues, and psychological/social considerations involved in voice, data, image, and facsimile transmission. This multidisciplinary program prepares undergraduate students to enter the telecommunications industry in entry-level positions with adequate preparation to assume management positions once work experience is gained. Graduates will possess an in-depth technical understanding of computer networks and telecommunication systems as well as an appreciation of the economic and public policy issues that are important in the design and development of local and wide area networks, and national and multinational telecommunication systems. A minor is not required.

Major courses (57 hours):
- Information Technology core (10 hours):
  - —ITK 160, 177, 261.
- Professional Practice (7 hours):
  - —ITK 191.

—1 of: 3 options:
— 6 hours of ITK 398, or
— 3 hours of ITK 391 and 3 hours of ITK 398, or
— 3 hours of ITK 391 and 1 of ITK 351, 353, 374, 378, 380, 382 (if not used to satisfy other requirements).

Telecommunications Technology (27 hours):
—ITK 254, 277, 373, 375, 377, 379.
—TEC 383.
—2 additional courses from: ITK 351, 353, 374, 378, 380, 382 (if not used to satisfy other requirements).

Economic, Legal, Public Policy (13 hours):
—ECO 105, 235.
—1 of: FIL 311, 312; POL 318.
—1 of: MQM 221; PSY 230.

Supporting requirements (29 hours):

Mathematics and Statistics (11 hours):
—1 of MAT 120 or 145.
—1 of MAT 146 or 160.
—1 of: MQM 100; ECO/GEO/POL/PSY 138.

Communication and Organization (15 hours):
—1 of: ENG 249; COM 202, 227.
—ACC 131; COM 223; FIL 185; MQM 220.

Ethics (3 hours):
—PHI 234.

Information Technology Courses

Most Information Technology courses are restricted to students with majors or minors within the School of Information Technology. Some Information Technology courses may not be offered every year. Contact the School of Information Technology undergraduate advisor for the current schedule of offerings.

115 REASONING ABOUT COMPLEX SYSTEMS MC-QR 3 F,S
MAT 111, 120, or 145 req. May not be taken under the CT/NC option.
Systems theory applied to complex systems. Design, construction, uses, and analysis of simulations for complex systems.

140 INTRODUCTION TO THE COMPUTER WORLD 3 F,S
Not for cr ITK maj/min.
A nontechnical course designed to develop effective computer users and to acquaint the students with the impact of computers on the person and society. Internet experience. No previous computer experience or mathematics requirements necessary.

150 USING MICROCOMPUTER PRODUCTIVITY TOOLS 3 F,S
Not for cr if had BTE 125. Not for cr ITK maj/min. Lecture and lab.
Introduction to typical microcomputer-based productivity tools such as word processing, spreadsheets, databases, and presentation graphics.

155.01 INTRODUCTION TO MICROCOMPUTERS 3 F,S
Not for cr ITK maj/min, or if had ITK 155.02 or 254. Lecture and lab.
Introduction to microcomputers and programming, with general and business applications emphasized. Visual Basic programming.

155.02 INTRODUCTION TO MICROCOMPUTERS 3 F,S
Not for cr ITK maj/min, or if had ITK 155.01 or 254. Lecture and lab. Materials charge optional.
Introduction to microcomputers and programming, with scientific and technical applications emphasized. BASIC and machine language programming including I/O, elementary files, application software, and hardware and software evaluation.

160 FOUNDATIONS OF INFORMATION TECHNOLOGY 3 F,S
Req as the first course in the ITK maj.
Concepts of computer-based systems; computer hardware, software, and organizational environments; system categories, delivery modes; systems development methods; career opportunities, responsibilities.

165 COMPUTER PROGRAMMING FOR SCIENTISTS 4 S
C or better in MAT 145 req. Not for cr ITK maj/min. Lecture and lab.
Introduction to computer programming emphasizing numerical algorithms for scientific applications. Problem analysis and operating system concepts included.

168 STRUCTURED PROBLEM-SOLVING USING THE COMPUTER 4 F,S
MAT 104 or high school equiv req. Rec as 1 of the first courses in the ITK maj. Lecture and lab.
Introduction to the development of algorithms for computer systems processing. Emphasis on structured problem solving and the design of problem solutions.

177 PROBLEM SOLVING FOR INFORMATION TECHNOLOGY 4 F,S
MAT 104 or high school equiv req. Rec as 1 of the first courses in IS/TCM maj. Lecture and lab. Formerly ITK 189.02. Not for cr if had ITK 168.
Introduction to algorithm development for computer systems processing emphasizing end-user needs, problem solving, and object-oriented programming techniques.

178 COMPUTER APPLICATION PROGRAMMING 3 F,S
C or better in ITK 177 or cons dept advisor req. Not for cr if had ITK 169 or 275.
The design, development, and implementation of computer application systems, including files and GUI.

179 INTRODUCTION TO DATA STRUCTURES 3 F,S
C or better in ITK 168 or cons dept advisor req. Not for cr if had ITK 169 or 275.
Intermediate computer programming, including elementary data structures such as linked lists, stacks, queues, binary trees.

191 INTRODUCTION TO ITK PROFESSIONAL PRACTICE 1 F,S
C or better in ITK 160 and 168 req. Maj only.
Researching available positions, interpreting job descriptions, interview skills, preparing a resume, benefits of a Professional Practice experience.

208 INFORMATION AND DATABASE ACCESS 3 F
C or better in ITK 150, 155, or 160 req.
Techniques for retrieving, displaying and reporting data from databases; importing data to/from other software tools; creating simple databases.

214 SOCIAL, LEGAL, AND ETHICAL ISSUES IN INFORMATION TECHNOLOGY OC-SMT 3 F,S
Inner Core req. MC-IS category req.
Study of personal, societal, legal, and ethical issues raised by the effects of information technology.

225 COMPUTER ORGANIZATION 3 F
C or better in ITK 179 req. Maj/min only or cons dept advisor req. Formerly ITK 325.
Introduction to computer organization, internal representation of instructions and data, and interaction between software and hardware components.

254 HARDWARE AND SOFTWARE CONCEPTS 3 F,S
C or better in ITK 160 and 177 req. Maj/min only or cons dept advisor req.
Overview of nature and interrelationships of computer architectures, hardware, operating systems, data types, programming languages, application development facilities, networks, communications.

261 SYSTEMS DEVELOPMENT I 3 F,S
C or better in ITK (178, 179, or 277) and ITK (254 or 225 or conc reg) req. Maj/min only or cons dept advisor req.
Information systems development, development methodologies, analysis and design techniques and tools, relational database concepts.

272 COBOL AS A SECOND LANGUAGE 4 F,S
C or better in ITK 178 req. Not for cr if had ACC 366. Maj/min only or cons dept advisor req.
COBOL language for students with substantial programming experience in another language. Emphasizes structured problem-solving and programming.

275 JAVA AS A SECOND LANGUAGE 4 F,S
Not for cr if had ITK 169, 178, 179, or 277. 2-sem seq in a high-level programming language req. Maj/min only or cons dept advisor req. Formerly C ++ AS A SECOND LANGUAGE.
Intensive study of the Java programming language for students with previous programming experience.

277 PROGRAMMING FOR TELECOMMUNICATIONS 3 F,S
C or better in ITK 177 or cons dept advisor req. Formerly ITK 355 MICROCOMPUTER APPLICATION AND DESIGN. Not for cr if had ITK 169 or 275.
Network programming based on TCP/IP and other communications protocols. Emphasis is on multi-tier and collaborative applications.

279 ALGORITHMS AND DATA STRUCTURES 3 F,S
C or better in ITK 179 req. MAT 160 or 260 or conc reg in MAT 260 req. Maj/min only or cons dept advisor req.
Data structures, algorithms, mathematical foundations of computer science. Topics include lists, trees, graphs, sorting, searching, correctness, computational complexity, parallel algorithms.

306 BUILDING APPLICATIONS SYSTEMS 3 S
C or better in ITK 261 req. Not for cr if had ACC 368. Maj/min only or cons dept advisor req.
Creating applications using end user development tools; prototyping; human/software interface design; end user development issues.

326 PRINCIPLES OF SOFTWARE ENGINEERING 3 S
C or better in ITK 179 and 261 req. Offered alternate years. Maj/min only or cons dept advisor req.
Fundamentals of software engineering. Topics include specification models, metrics, design fundamentals, interface design, quality assurance, and automated tools.

327 CONCEPTS OF PROGRAMMING LANGUAGES 3 F
C or better in ITK 179 req. Maj/min only or cons dept advisor req.
Survey of pragmatic, syntactic and semantic structure of programming languages. Procedural, logic-oriented, object-oriented and other contemporary languages included.

328 INTRODUCTION TO THE THEORY OF COMPUTATION 3 S
C or better in ITK 279 req. Maj/min only or cons dept advisor req.
Basic concepts in computing theory. Topics include recursive definitions, regular expressions, transition graphs, automata, nondeterminism, grammars, parsing, decidability, Turing machines.

340 INTRODUCTION TO ARTIFICIAL INTELLIGENCE 3 S
C or better in ITK 279 req. Maj/min only or cons dept advisor req.
Introduction to concepts in artificial intelligence, including: knowledge representation, heuristic search, neural networks, planning algorithms, natural language, and machine learning.

341 OBJECT-ORIENTED SYSTEM DEVELOPMENT 3 F
C or better in ITK (178 or179) and 261 req. Maj/min only or cons dept advisor req.
Main concepts of object-oriented technology and a comprehensive methodology for system development. Object-oriented analysis, design, and implementation including object-oriented databases.

346 KNOWLEDGE ENGINEERING 3 S
C or better in ITK 261 req. Offered alternate years. Maj/min only or cons dept advisor req.
In-depth study of knowledge-based systems and the knowledge engineering process; use of expert systems tools to construct applications.

351 DATA COMMUNICATIONS SECURITY 3 F
C or better in ITK 375 or cons dept advisor req.
This course is about ensuring the security of data being stored, processed and transmitted by computing systems and networks.

352 MULTIMEDIA TECHNOLOGY APPLICATIONS 3 F
C or better in ITK 261 req. Maj/min only or cons dept advisor req.
Practical principles, methods, and tools for the design and development of multimedia applications; authoring languages; multimedia technology hardware and trends.

353 WEB DEVELOPMENT TECHNOLOGIES 3 F,S
C or better in 261 req. Maj/min only or cons dept advisor req.
Web concepts, infrastructure, development technologies, multi-tiered program design and implementation, and current issues and trends.

356 INTRODUCTION TO COMPUTER GRAPHICS 3 F
ITK 279 or conc reg req. Maj/min only or cons dept advisor req.
Graphics Systems: hardware, software, people. 2-D and 3-D. Algorithms: lines, curves, polygons, surfaces, transformations. Applications: presentation graphics, packages.

363 SYSTEMS DEVELOPMENT II 4 F,S
C or better in ITK 261 req. C or better in COM 223 req. Maj/min only or cons dept advisor req.
Emphasis on analysis and design techniques and tools, project communication, systems development methodologies, interface design. Systems development team project.

365 SYSTEMS DEVELOPMENT TOOLS AND ISSUES 3 F
C or better in ITK 261 req. Maj/min only or cons dept advisor req.
Modern systems development tools, implementation issues related to modern tools, techniques, and methodologies; emerging type of systems being developed.

367 DESIGNING THE USER INTERFACE 3 S
C or better in ITK 261 req. Maj/min only or cons dept advisor req.
Human factors issues in developing information systems: task analysis, user interface design guidelines, psychological principles, prototyping interfaces, and user evaluation.

368.01 TOPICS IN INFORMATION SYSTEMS: SYSTEMS DESIGN 3
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Maj/min only or cons dept advisor req.
Advanced topics in systems analysis, design, and development.

368.03 TOPICS IN INFORMATION SYSTEMS: WEB DEVELOPMENT 3
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Maj/min only or cons dept advisor req.
Advanced topics in internet applications and Web development.

372 EXTERNAL DATA STRUCTURES 3 F,S
C or better in ITK 254 and 272 req. Maj/min only or cons dept advisor req.
External file design, VSAM, IBM utilities and sort/merge, basic concepts of IBM/MVS operating systems, and extensive study of JCL.

373 WIDE AREA NETWORK INFRASTRUCTURES 3 F
C or better in ITK 375 req. Maj/min only or cons dept advisor req.
Design, configure, operate, and use Wide Area Networks and network applications. Emphasizes hands-on use of network design tools.

374 TOPICS IN TELECOMMUNICATIONS 3
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Maj/min only or cons dept advisor req.
In-depth study of a topic in telecommunications such as emerging technologies, network administration, network management architectures, and wireless communications.

375 DATA COMMUNICATIONS 3 F,S
C or better in ITK (178, 179 or 277) and (254 or 225) req. Maj/min only or cons dept advisor req.
Hardware and software used in data communications and networking. Network types, architectures, protocols and standards. Local area and packet networks.

377 PRACTICAL TELECOMMUNICATIONS NETWORKING 3 F,S
C or better in ITK 375 req. Maj/min only or cons dept advisor req.
Design, configure, operate and use local area networks, network applications, and wide area network concepts. Emphasizes hands-on use of a network operating system.

378 DATABASE PROCESSING 3 F,S
C or better in ITK 261 req. Maj/min only or cons dept advisor req.
Database concepts, emphasis on relational databases, SQL, data modeling, database design, DBMS functions, database application programming, current trends, design project.

379 TELECOMMUNICATIONS NETWORK OPERATIONS AND MANAGEMENT 3 F,S
C or better in ITK 377; ECO 235; TEC 383; MQM 220 req. Maj/min only or cons dept advisor req.
Overview of process of operating and managing large scale telecommunications networks; capstone course for Telecommunications Management major.

380 WIRELESS COMMUNICATION SYSTEMS 3 S
C or better in ITK 375 or cons dept advisor req.
The theory and practice of wireless telecommunications systems. Emphasis is on application, design, and analysis of wireless systems.

382 DISTRIBUTED SYSTEMS 3 S
C or better in ITK (179 or 277) and (225 or 254) and 261 req. Offered alternate years. Maj/min only or cons dept advisor req.
Overview of distributed systems including system architectures, models, distributed operating systems, distributed algorithms, distributed databases, distributed objects, issues and trends.

383 PRINCIPLES OF OPERATING SYSTEMS 3 S
C or better in ITK 179 and 225 req. Maj/min only or cons dept advisor req.
Functional criteria for operating system design. Job management, task management, data management, resource allocation and dump and trace facilities.

384 COMPUTER ARCHITECTURE 3 F
C or better in ITK 225 req. Maj/min only or cons dept advisor req.
Modern computer system design methodologies, techniques used in high-performance computing systems, multiprocessor architectures and interconnection networks, storage systems, and performance evaluations.

385 TOPICS IN COMPUTER SCIENCE 3
Jr/sr standing req. Prereq vary with topic chosen. May be repeated if content different. Offered alternate years. Maj/min only or cons dept advisor req.
In-depth study of a topic such as compiler design, artificial intelligence, programming language and digital logic design.

388 INTRODUCTION TO PARALLEL PROCESSING 3 F
C or better in ITK 225; conc reg in ITK 279 req. Offered alternate years. Maj/min only or cons dept advisor req.
Study of parallel processors and their software environments. Students will write programs for several parallel computers.

391 DIRECTED PROJECT IN INFORMATION TECHNOLOGY 1-6 F,S
Sr standing and C or better in ITK 191 and 377 or 378 or 383 req. By application and prior approval of ITK Prof Pract Advisor only. Maj only. May be repeated; max 16 hrs combined cr in ITK 298, 391 and 398.
Team design and/or implementation of a modest-sized computer-based system in a *live* environment under faculty supervision.

398 PROFESSIONAL PRACTICE: IN INFORMATION TECHNOLOGY 1-6 F,S
C or better in 191 req. By application and prior approval of ITK Prof Pract Advisor only. Maj only. Max 16 hrs cr in Prof Pract.

398.50 PROFESSIONAL PRACTICE: COOP I IN INFORMATION TECHNOLOGY 1-6
Maj only. May be repeated; max 6 hrs.

398.60 PROFESSIONAL PRACTICE: COOP II IN INFORMATION TECHNOLOGY
CR/NC basis only. May be repeated. Conc reg in ITK 398.50. Maj only.

KINESIOLOGY AND RECREATION (KNR) 512

214 Horton, (309) 438-8661
Web address: http://www.kinrec.ilstu.edu/

Director: Alan C. Lacy.
Tenured/Tenure-track Faculty:
Professors: Brown, Groves, Lacy, McCaw, Rossman, Thomas, Verner.
Associate Professors: Amorose, Coleman, Garrahy, Klitzing, Lagally, Schlatter, Smith.
Assistant Professors: Beggs, Elkins, Gilbert, Henninger, Hurd, Kief, Laudner, Martin, McEvoy, McLoda.

General School Information

Admission/Retention Requirements:

A student may be admitted to the Athletic Training Education Major, Exercise Science Major, Physical Education Teacher Education Major or the Recreation and Park Administration Major as a new freshman, as a transfer student, or as a change of major at Illinois State University. New freshmen who meet the University's admission standards may elect to become a major in the School of Kinesiology and Recreation. GPA requirements for transfer student admissions are the same as the Change of Major (within Illinois State). Applications for prospective majors are available in the School academic advisement office.

Retention of students will be determined by the student's cumulative GPA and other specified criteria required for the sequence major. All courses required in each major must be completed with a grade of C or better.

HONORS IN KINESIOLOGY AND RECREATION

Majors in the School of Kinesiology and Recreation with superior academic records are invited to apply for admission to the School Honors Program. The program provides an opportunity for a scholastically gifted student to pursue personal interests through an independent honors project. Students successfully completing the Honors Program will receive the designation of Honors in Kinesiology and Recreation upon graduation. The student's official academic transcript and diploma will be so noted.

Admission Requirements:

- Be a declared Athletic Training, Physical Education Teacher Education, Exercise Science, or Recreation major with at least 30 and not more than 90 hours of course work completed, including at least 6 hours of KNR courses.
- Have a minimum 3.30 overall GPA.
- Submit an application form to the School of Kinesiology and Recreation Honors advisor.

Honors Program Requirements:

— Fulfill the general requirements for participation in the University Honors Program.
— Successfully complete a minimum of 3 hours of School of Kinesiology and Recreation Honors courses.
— Successfully complete KNR 295: Honors Seminar.
— Initiate and complete a research project in KNR 299: Independent Honors Study (variable, 3-6 hours) under the direction of a faculty mentor in the student's major/sequence.
— Maintain a minimum 3.30 overall GPA.

PROFESSIONAL PRACTICE/STUDENT TEACHING

Internship and cooperative education experiences are available at all levels in Athletic Training (298, 398), Exercise Science (298, 398), and in Recreation and Park Administration (298, 398). Students may earn from 1-16 hours. No more than 16 hours may be applied toward graduation. Professional Practice experiences are supervised work experiences in businesses, agencies, organizations, and institutions and are either paid or unpaid. For further information, contact the Professional Practice coordinator in your major. A student with a double major within the School of Kinesiology and Recreation will enroll in professional practice with the area of certification as the primary assignment. An 80-hour assignment in the secondary sequence area will be assigned.

Student Teaching in Physical Education requires being accepted into the Teacher Education program at Illinois State University. Students are placed in schools with physical education cooperating teachers at the elementary, middle school, and/or secondary school levels as required for teacher certification. Student teachers are supervised by Physical Education faculty supervisors. The Physical Education Student Teaching Coordinator arranges for all student teaching placements.

Athletic Training Education Program

Degree Offered: B.S.

MAJOR IN ATHLETIC TRAINING EDUCATION

New Transfer and Internal Transfer Admission Requirements:

All students planning to become certified athletic trainers must apply for and be admitted to the Athletic Training Education Program (ATEP) Clinical Instruction Practicum. Transfer students must also apply to the ATEP Clinical Instruction Practicum and will be evaluated individually based on previous course work and credentials. Current application deadlines are posted on the athletic training home page and announced in KNR 188. Eligibility to apply for admission to the ATEP Clinical Instruction Practicum will be determined by the Director of Athletic Training Education. Applicants compete for available spaces in the program. The following qualifications must be met to be considered for admission into the program.

1. Fulfill university requirements up to the time of application to the ATEP Clinical Instruction Practicum.
2. Completion of prerequisite course work with a grade of C or better in KNR 181, 188, 188.01.
3. Overall GPA of 2.70 or better and major GPA of 2.70 or better.
4. Completed application for admittance to the ATEP Clinical Instruction Practicum.

Students successful in the four previous criteria are then considered for acceptance into the clinical portion of the program. Placement is limited by the number of clinical sites and availability of approved clinical instructors. Highest priority will be given to the most qualified applicants based on the following criteria:

— overall and major grade point average
— grades in requisite courses
— quality of written essay submitted with application
— performance evaluations of observation hours from clinical instructors
— score on an athletic training general knowledge examination
— two written recommendations from qualified individuals
— completion of an interview with members of the athletic training faculty

The selection process results in one of the following student classifications:

a. full acceptance to the clinical portion of the program
b. qualified, but placed on a wait list
c. not qualified, not accepted

Athletic Training Education Program Curriculum:

— 61 total hours required.
— 55 hours in KNR:
— 17 hours in foundation courses: KNR 181, 182, 240, 254, 280, 282.
— 33 hours in athletic training core courses: KNR 188, 188.01, 252, 284, 288, 298.11, 298.12, 298.13, 298.14, 298.15, 334, 335, 361, 362, 363, 387, 388.
— 5 hours (minimum) in KNR 398.12.
— 6 hours interdisciplinary courses: HSC 105; FCS 315.

Standards for Progress in the Major:

Once admitted to the ATEP Clinical Instruction Practicum, the student will begin clinical work in athletic training at Illinois State University, and must maintain the following requirements:

1. A minimum cumulative and major GPA of 2.70.
2. A student falling below the required GPA will be placed on probation for 1 semester. If after 1 semester, the 2.70 GPA has not been re-established, the student will be dropped from the ATEP Clinical Instruction Practicum and advised to change majors.
3. The student must earn a C or better on each clinical site supervisor evaluation. A student earning less than a grade of C will not be permitted to count the hours

completed during the affected clinical rotation toward ATEP requirements.

4. In keeping with the University requirements regarding hepatitis-B (HBV) immunizations, clinical students in the program shall be immunized against this disease. Additionally students admitted to the Clinical Instruction Practicum must submit complete documentation of a current physical examination from an approved (MD or DO) licensed physician.
5. The student is responsible for maintaining standards and expectations of the program. Failure to do so will result in written notification and reprimand including possible dismissal from the program.
6. A student who has not been retained in the ATEP Clinical Instruction Practicum may reapply for admission during the next available application period upon the advisement of the Director of Athletic Training Education.

Certification and Licensure:

Completion of the ATEP program of study including 1200 supervised clinical hours and certification in first aid and Emergency Cardiac Care is designed to permit the student to apply to take the BOC certification examination and to apply for Illinois licensure as an athletic trainer. However, accreditation and licensure requirements are subject to change so the student is strongly advised to obtain notification of the latest requirements for BOC certification and Illinois licensure from the respective governing organizations and from the Director of Athletic Training Education.

Exercise Science Program:

Degree Offered: B.S.

MAJOR IN EXERCISE SCIENCE

New Transfer and Internal Transfer Admission Requirements:

In addition to fulfilling University requirements for admission to the Exercise Science program, the student must meet the following criteria:

1. A minimum 2.50 cumulative GPA.
2. Participation in a personal interview as requested by the Program Director of Exercise Science.
3. Students who fail to meet all requirements for admission to the Exercise Science program may petition through the Exercise Science Committee to consider special admittance.

NOTE: The number of students admitted to the program may vary year to year depending on program capacity. Highest priority will be given to the most qualified applicants.

Exercise Science Program of Study:

— 67 total hours required.
— 52 hours in the following core and major courses required:
— 20 hours in core courses: KNR 181, 182, 240, 254, 257, 280, 282;
— 22 hours in major courses: KNR 154.40, 164, 285, 286, 298.10, 307, 308, 309, 310, 378.10;
— 10 hours in KNR 398.11.
— 15 hours of courses must be selected from cognate groups (Biomechanics, Clinical (diseased) Populations, Technology, Business Administration, Nutrition, Aging, Research, Sport and Exercise Psychology, Pre-professional (physical therapy and occupational therapy preparation) courses with the requirement that at least two courses be taken from at least one cognate area.

Standards for Progress in the Major:

Once admitted to the Exercise Science major, the student must maintain the following requirements:

1. A minimum 2.50 cumulative GPA.
2. A student falling below the required GPA will be placed on probation for one semester. If after one semester, the 2.50 GPA has not been re-established, the student will be dropped from the Exercise Science major.
3. A student who has not been retained in the program, may reapply for admission to the Exercise Science major after meeting all of the criteria again. The student who is not readmitted after one semester of probation and has a minimum 2.00 GPA will have the choice to enter the Physical Education Studies Sequence.

Credentialing Opportunities:

There is no single professional credential or certification that is necessary to pursue a career in Exercise Science. However, there are a number of optional credentialing opportunities that students are encouraged to examine. Coursework in this major is focused on the content areas needed for certification preparation by several organizations in this professional field of study. Students graduating in this major can strengthen their professional credentials by pursuing a variety of different certifications offered by organizations such as the American College of Sports Medicine and the National Strength and Conditioning Association. Students interested in learning more about these recommended certification options should consult the Exercise Science Program Director in the School of Kinesiolgy and Recreation for further information.

MINOR IN EXERCISE SCIENCE

— 24 total hours required.
— 11 hours in core courses: KNR 181, 182, 240, 280.
— 11 hours in sequence courses: KNR 298.10, 307, 308, 309.
— 2 hours minimum selected from the following: KNR 154.40, 282, 285, 286, 310.

NOTE: The Exercise Science Minor is not available to majors in the Kinesiology program of study.

Physical Education Program

Degrees Offered: B.S., B.S. in Education

MAJOR IN PHYSICAL EDUCATION

The Physical Education program consists of two sequences. The Physical Education Teacher Education Sequence requires a cumulative GPA of 2.50 for admission and retention. The Physical Education Studies (general) Sequence requires a cumulative GPA of 2.00 for admission and retention. All physical education major courses must be completed with a grade of C or better.

Physical Education Studies (general) Sequence (B.S.):

A student has the opportunity to select from a series of Physical Education courses to develop a plan of study. Students in the Physical Education Studies Sequence must have earned a cumulative 2.00 GPA.

Physical Education Studies Sequence Program of Study:

— 40 hours required.
— Required courses: 26-hour core of KNR 160, 181, 182, 240, 254, 257, 280, 282. Select 3 additional KNR hours.
— 14 additional hours from within the Physical Education Program are required for majors not selecting a specialized sequence. A minimum of 8 hours of upper-division courses are required, 6 of which must be at the 300-level.
— A second major or minor, or an individualized program by advisement, is recommended.
— Graduation requirements: all required Physical Education courses must be completed with a grade of C or better.

Standards for Progress in the Major:

After being officially admitted to the Physical Education Studies Sequence, the student must maintain a cumulative 2.00 GPA.

Teacher Education Sequences (B.S. in Ed.):

New Transfer and Internal Transfer Admission Requirements:

All Physical Education majors planning to become certified teachers must apply for and be admitted to the University's Teacher Education Program (see Teacher Education Program section of this *Undergraduate Catalog*). In addition to fulfilling University requirements for admission to Professional Studies, the Physical Education major must have verified the following:

1. A minimum 2.50 cumulative GPA and a minimum 2.50 major GPA required; all sections Basic Skills tests passed.
2. Completion of departmental application for admission to the Teacher Education program and a projected program plan for graduation through contact with school advisor.
3. Participation in a personal interview as requested by the Program Director of Physical Education Teacher Education.
4. A positive recommendation from the Sequence Coordinator based upon evidence of satisfactory progress from faculty teaching in the major program.
5. Students who fail to meet all requirements for admission to Teacher Education by established deadlines may petition through the Program Director of Physical Education Teacher Education. The Office of Clinical Experiences and Certification, Degarmo Hall, must approve all petitions.

NOTE: The number of students admitted to the program may vary year to year depending on program capacity. Highest priority will be given to the most qualified applicants.

Teacher Education Sequence Program of Study Leading to a 6-12 Standard Certificate:

(NOTE: At the time of catalog preparation, the Teacher Education Sequence Leading to 6-12 Certification was in the process of being approved for elimination. See Teacher Education Sequence Leading to a K-12 Special Certificate below.)

— 78 total hours required.
— 52 hours in the following core and sequence courses required;
— 20 hours in core courses: KNR 181, 182, 240, 254, 257, 280, 282;
— 32 hours in sequence courses: KNR 156, 158, 221, 242, 244, 245, 246, 247, 341, 358, 383, 391.
— 26 hours in Professional Education requirements (see C&I Professional Education requirements in this *Undergraduate Catalog*); STT 399.74 (12 semester hours).

Teacher Education Sequence Program of Study Leading to a K-12 Special Certificate:

— 82 total hours required.
— 55 hours in the following core and sequence courses required;
— 20 hours in core courses: KNR 181, 182, 240, 254, 257, 280, 282;
— 35 hours in sequence courses: KNR 156, 158, 221, 225, 242, 244, 245, 246, 247, 341, 358, 383, 391.
— 27 hours in Professional Education requirements: (see C&I Professional Education requirements in this *Undergraduate Catalog*); STT 399.74 (8 semester hours), 399.75 (5 semester hours).

Standards for Progress in the Major:

In order to receive school approval for a student teaching assignment the student must verify the following:

1. A student, after having been officially admitted to the University Teacher Education program must maintain a cumulative 2.50 GPA and a minimum major 2.50 GPA and verify certification in first aid by the American Red Cross or National Safety Council with current certification.
2. A student falling below the minimum required GPA will

be placed on probation for one (1) semester. If after one (1) semester the 2.50 GPA has not been reestablished the student will be dropped from the University Teacher Education program.

3. The student may reapply for readmission upon meeting all of the required criteria. The student who is not readmitted after one (1) semester of probation and a minimum 2.00 GPA will have the choice to enter the Physical Education Studies (general) Sequence.
4. Satisfactory recommendation from the Program Director of Physical Education Teacher Education following completion of the Clinical Experience in KNR 358.
5. A student who has not been retained may appeal for reconsideration to the Physical Education Selection-Retention Committee. After consideration, the Committee will either disallow the appeal or approve reinstatement on a probationary basis for a specified period of time.

MINOR IN PHYSICAL EDUCATION

Elementary Physical Education Sequence:

This is a Teacher Education program.

— 27 hours in Kinesiology and Recreation required.
— Required courses: KNR 158, 181 or 182, 221, 225, 244, 245, 257, 341, 383.

Secondary Physical Education Sequence:

This is a Teacher Education program.

— 27 hours in Kinesiology and Recreation required.
— Required courses: KNR 158, 181 or 182, 225, 242, 244, 245, 257, 341, 383.

Athletic Coaching Sequence:

— 24 hours in Kinesiology and Recreation required.
— Required courses (18 hours): KNR 205, 207, 260, 306, 320, 382.
— Elective courses (6 hours): KNR 210, 211, 212, 213, 214, 215, 216.

Certification Opportunity:

Students have the opportunity to qualify for the American Sport Education Program (ASEP) certification.

Recreation and Park Administration Program

Degree Offered: B.S.

Students may obtain advising material related to Recreation and Park Administration (RPA) in the School's main office. The Kinesiology and Recreation academic advisor will assist students with planning and completing an academic plan of study. All major courses in RPA must be completed with a grade of C or better.

MAJOR IN RECREATION AND PARK ADMINISTRATION

New Transfer and Internal Transfer Admission Requirements:

1. Students must have an overall minimum GPA of 2.00.
2. Students must complete a departmental application. Applications are available in the School advisement office.

NOTE: The number of students admitted to the program may vary year to year depending on program capacity. Highest priority will be given to the most qualified applicants.

Recreation Management Sequence:

— 62 total hours required.
— 39 hours in core courses: KNR 170, 171, 270, 271, 298.30, 298.36, 370, 376, 378.30, 380, 398.30.
— 12 hours in sequence courses: KNR 272, 275, 374, 382.
— 11 hours in interdisciplinary courses selected with advisement from the following cognate groups: event management, outdoor and environmental education, youth, recreation sports, park planning, enterprise management, and non-profit management.

Certification Opportunity:

Students graduating from this program are immediately eligible to sit for the examination to become a Certified Leisure Professional.

Therapeutic Recreation Sequence:

— 67 total hours required.
— 39 hours in core courses: KNR 170, 171, 270, 271, 298.30, 298.36, 370, 376, 378.30, 380, 398.30.
— 12 hours in sequence courses: KNR 273, 278, 279, 373.
— 16 hours in interdisciplinary courses: HSC 105; KNR 181 or 182; PSY213, 350; 4 hours selected from approved **applied** Art, Music, Theatre, (3 hours) and Physical Education (1 hour).

Certification Opportunity:

Students graduating from the Therapeutic Recreation Sequence who have met all the NCTRC requirements (major and recommended courses including an approved internship) are eligible to apply to sit for the examination to become a Certified Therapeutic Recreation Specialist.

MINOR IN RECREATION AND PARK ADMINISTRATION

— 24 hours required.
— Required courses: KNR 170, 171, 270, 271, 370, 376, 380.
— 3 hours of courses selected from: KNR 272, 273, 275, 278, 279, 371, 373, 374, 377, 382.

MINOR IN TOURISM STUDIES

Advisor: Jill Freund Thomas
Department of Geography
200B Felmley Hall
(309) 438-8403

Jointly developed and sponsored by the department of Geography-Geology and the School of Kinesiology and Recreation, the Minor in Tourism Studies is available to students in any undergraduate major. Students should plan their minor program with the assistance of the Tourism Studies advisor, who resides in the Department of Geography-Geology.

— 24 hours required.
— Required courses: GEO 130, 135, 215, 265; KNR 271, 272, 374; POL 140.
— Recommended courses: GEO 315; KNR 370, 377, or 380.

Kinesiology Courses

Some sections of these courses may be restricted to School of Kinesiology and Recreation majors.

An optional locker and towel charge will be assessed for students in selected Physical Education activity courses.

105 BADMINTON I 1 F,S
Not for cr if had KNR 150.20. Materials charge optional.
Introduction to the basic strokes and strategies of badminton. Tournament play in singles and/or doubles.

106.02 BASKETBALL II 1 F,S
Development of intermediate and advanced skills and strategies of basketball.

108 BILLIARDS I 1 F,S
Materials charge optional.
Basic shooting techniques with focus on stance, bridge and cue ball contact. Experience in games of Basic Pocket Billiards, Rotation and Eight Ball.

108.02 BILLIARDS II 1 F,S
KNR 108 req. Materials charge optional.
Development of complex skills such as Caroms, Banks, and combination shots. Emphasis on spin, and the application of English.

112 BOWLING I 1 F,S
Materials charge optional.
Development of basic skills and knowledge for the beginning bowler.

112.02 BOWLING II 1 F,S
KNR 112 req. Materials charge optional.
Development of more consistency with strikes and spares, an understanding of taps, lane conditions, ball tracks. Participation in a variety of tournaments.

113 PERSONAL FITNESS 3 F,S
Not for cr School of Kinesiology and Recreation maj. Materials charge optional. Lecture and lab.
The development of a personalized, comprehensive fitness program based on knowledge and understanding of the specific effects of exercise.

114 NAUTILUS CONDITIONING 1 F,S
Not for cr if had KNR 285.
Basic techniques and knowledge necessary to increase muscular strength through the use of nautilus resistive isotonic exercise equipment.

115 ADVENTURE EDUCATION 1 F,S
Insurance clearance, liability and medical release waiver req.
Development of basic knowledge and skills in adventure education.

116 FITNESS WALKING AND JOGGING 1 F,S
Formerly KNR 133.45.
Knowledge and techniques of walking and jogging as modes for developing and/or maintaining appropriate health-related physical fitness levels.

119 GOLF I 1 F,S
Materials charge optional.
A basic course in golf designed for the beginner or high handicap golfer.

119.02 GOLF II 1 F,S
KNR 119 req. Materials charge optional.
Designed for experienced or low handicap player. Refinement of basic and advanced strokes. Development of game and course strategy.

126 AEROBICS 1 F,S
Introduction to aerobics designed to develop and improve strength, flexibility, and cardiovascular endurance.

127 SWIMMING I 1 F,S
Materials charge optional.
For the fearful or non-swimmer with no aquatic skills. Instruction in adjustment experiences, basic techniques of safety, survival, and propulsion.

127.02 SWIMMING II–INTERMEDIATE 1 F,S
KNR 127 req. Materials charge optional.
For swimmers with limited skills. Emphasis on basic strokes and introduction to basic diving techniques.

127.10 AQUATIC FITNESS 1 F,S
May be repeated once. Ability to swim not req.
Shallow water aerobic exercise and/or lap swimming programs to develop and maintain physical fitness.

133 SELECTED ACTIVITIES 1 F,S
Material charge optional.
Selected beginning and/or intermediate activities offered as experimental programs.

136 VOLLEYBALL I 1 F,S
Basic skills, rules, and strategies involved in the game of volleyball, and application in tournament play.

137 SOCCER 1 S
Basic skills, rules, and strategies necessary for game play. Fundamentals emphasized with application in competitive play.

138 SLOW PITCH SOFTBALL 1 F,S
Not for maj cr. Formerly KNR 133.17.
Basic skills and knowledge of slow pitch softball.

142 TENNIS I 1 F,S
Materials charge optional.
Introduction to the basic strokes and beginning strategy of tennis. Tournament play in singles and/or doubles.

146 MILITARY PHYSICAL CONDITIONING 1 F,S
May be repeated; max 4 hrs.
Practical experience in the structure, techniques, and conduct of military physical conditioning to develop total fitness and leadership ability.

147 WEIGHT TRAINING 1 F,S
Not for cr if had KNR 285.
Basic knowledge and concepts of use of resistive exercises to increase muscular strength and endurance. Participation in an individual weight program.

154.40 STRESS MANAGEMENT INSTRUCTIONAL METHODS 1 F,S
Maj/min only. Formerly NEUROMUSCULAR RELAXATION INSTRUCTIONAL METHODS.
Study of stress and how it affects the body. Practice of stress management relaxation techniques, and teaching methods for relaxation.

156 INTRODUCTION TO PHYSICAL EDUCATION: TEACHER EDUCATION 2 F,S
Maj/min only. Not for cr if had KNR 160 FOUNDATIONS OF HUMAN MOVEMENT.
Identification of foundational concepts in physical education, including historical and philosophical orientation, subdisciplinary movements, career development, and physical education issues.

158 INSTRUCTIONAL STRATEGIES IN PHYSICAL EDUCATION 3 F,S
Incl Clin Exp: 20 hr, Type 1-4, 5-1, 6-15.
Introduction to planning and teaching physical education. Includes lesson planning, practice of teaching skills through micro teaching, peer teaching, analysis of teaching.

164 INTRODUCTION TO EXERCISE SCIENCE 3 F,S
Maj/min only.
Foundations of exercise science, including history and philosophy, careers, professional organizations, certifications, sub-disciplines, research methods, and professional issues.

180 FIRST AID 2 F,S
Materials charge optional.
Accident prevention and action to be taken in cases of accident and sudden illness in the home, school, and community. Students successfully completing this course will have an opportunity to receive certification. First Aid instruction in CPR techniques and opportunities for certification in CPR also provided.

181 HUMAN ANATOMY AND PHYSIOLOGY 3 F,S
Lecture and lab.
Gross structure and physiology of the human body; particular attention to the locomotor system.

182 HUMAN ANATOMY AND PHYSIOLOGY 3 F,S
Emphasis on the nervous, circulatory, respiratory, and digestive systems.

188 INTRODUCTION TO ATHLETIC TRAINING 1 F
KNR 188.01 conc reg req.
Introduction to the field of athletic training, including history, professional developments, certification requirements, responsibilities, skills, facilities, and clinical settings.

188.01 CLINICAL PRACTICUM IN ATHLETIC TRAINING 1 F
KNR 188 conc reg req.
Introduction to the actual experience of athletic training by observation and clinical practice.

205 SCIENTIFIC PRINCIPLES OF COACHING 3 F
Maj/min only. Soph standing req. Not for cr if had KNR 181, 240, 280, or 282.
Introduction to scientific principles that constitute the basis for sound athletic coaching practices.

207 FOUNDATIONS FOR SUCCESSFUL COACHING 3 F,S
KNR 205 or conc reg req. Soph standing req. Formerly THE COACH IN ORGANIZED SPORTS AND ATHLETICS.
Theory and applications of coaching concepts for the interscholastic and youth sport coach. Coaching certification available.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES OC-SMT 3 F,S
Inner Core req. MC-IS category req. Also offered as FCS/HSC 208.
Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions.

210 BASEBALL COACHING 2 S
KNR 207 req. Soph standing req.
Theories and strategies for coaching baseball, including philosophy, history, planning scorekeeping, offensive and defensive strategies, and evaluating players and programs.

211 BASKETBALL COACHING 2 F,S
KNR 207 req. Soph standing req.
A course for professional preparation of coaches for basketball, including philosophy, techniques, scouting reports and tactics of the game.

212 FOOTBALL COACHING 2 F
KNR 207 req. Soph standing req.
Theory and techniques of basic offensive and defensive football, including history, development of trends, and modern innovations.

213 TRACK AND FIELD COACHING 2 S
KNR 207 req. Soph standing req.
Techniques/methods of coaching track/field, including philosophy, pedagogy, event training, skill analysis, conditioning, practice organization, competition, and meet administration.

214 SOCCER COACHING 2 F
KNR 207 req; Soph standing req.
Theory and techniques of coaching soccer, including philosophy, offensive and defensive skills, tactics, practice/competitive situations, administration, and management.

215 VOLLEYBALL COACHING 2 F
KNR 207 req. Soph standing req.
Techniques/methods of coaching volleyball for pre-collegiate levels, including philosophies, pedagogy, strategies, tactics, practice/competitive situations, administration, management and public relations.

216 SOFTBALL COACHING 2 S
KNR 207 req. Soph standing req.
Techniques/methods of coaching softball for pre-collegiate levels including philosophies, pedagogy, strategies, tactics, practice/competitive situations, management and administration.

221 ELEMENTARY PHYSICAL EDUCATION CURRICULUM 3 F,S
KNR 158 , 225 req; Incl Clin Exp: 4 hrs, Type 1 and 5.
Planning a program of physical education for elementary school children. Progressions within activities, techniques of organization, and methods of teaching. Observations of children and laboratory sessions in activities.

222 PHYSICAL EDUCATION FOR ELEMENTARY CLASSROOM TEACHER 2 F,S
Jr standing req. Not for cr maj. Incl Clin Exp.
Factors essential to program planning in physical education grades one through six. Types and progression of activities; methods and techniques of class organization. Observations of children and laboratory sessions in activities.

225 MOTOR DEVELOPMENT OF CHILDREN 3 F,S
Incl Clin Exp: 4 hrs Type 1 and 4. All sections of State of Illinois Basic Skills Test passed.
Motor development related to anatomical growth and sensory development in the child from infancy to puberty. Mechanisms and theories of perceptual motor development, research findings, and implications for physical education.

240 PRINCIPLES AND APPLICATIONS OF FIELD-BASED ASSESSMENT 2 F,S
Maj/min only. KNR 181 and 182 req; KNR 280 or conc reg req. Formerly PRINCIPLES AND APPLICATIONS OF FITNESS TRAINING.
Applied aspects of field-based fitness assessment, including test selection, implementation, and analysis.

242 SECONDARY METHODS AND PRACTICES IN PHYSICAL EDUCATION 3 F,S
KNR 158, 225 req; 221 or conc reg req. Incl Clin Exp: 20 hrs, Type 1-5. Adm to Professional Studies req. Not for credit if had KNR 241. Materials charge optional.
Development and administration of secondary physical education programs. Planning and teaching physical education activities at the secondary level.

244 TEACHING TEAM SPORTS 3 F,S
Maj/min only. KNR 158, conc reg KNR 225 req. Materials charge optional.
Development of content knowledge and teaching skills of various team sports. Emphasis on teaching progressions, management, assessment, strategies, and tournaments.

245 TEACHING INDIVIDUAL/DUAL SPORTS AND ACTIVITIES 3 F,S
Maj/min only. KNR 158, conc reg KNR 221 req. Materials charge optional.
Content knowledge and teaching skills and various individual sports and activities. Emphasis on teaching progressions, management, assessment, and strategies.

246 TEACHING DANCE AND TUMBLING/GYMNASTICS FORMS 2 F,S
Maj/min only. KNR 158, conc reg KNR 242 req.
Fundamental skills and concepts of dance and tumbling/gymnastics. Safety procedures, skill development, instructional strategies, and assessment are included.

247 PROMOTING PHYSICAL ACTIVITY AND FITNESS IN PHYSICAL EDUCATION 3 F,S
Maj/min only. KNR 158, 240 and 280 req. Conc reg KNR 341 req. Not for cr if had KNR 281, 283, 285. Materials charge optional.
Current activity levels/fitness of youth, promotion of lifetime physical activity, evaluative procedures, and implementing fitness activities into the curriculum.

252 EMERGENCY ASPECTS OF ATHLETIC INJURIES 3 S
KNR 298.11 or conc reg req. Materials charge optional.
Emergency planning, prevention, and care for athletics.

254 SOCIO-PSYCHOLOGICAL PERSPECTIVES IN PHYSICAL ACTIVITY 3 F,S
Maj/min only or cons inst req.
Survey of cultural, philosophical, social and psychological factors influencing the nature, evolution and maintenance of informal and formal physical activities.

257 MOTOR LEARNING AND PERFORMANCE 3 F,S
Maj/min only.or cons inst req.
Study of processes involved in acquiring and perfecting motor skills and effects of aging on acquisition of those skills.

260 ATHLETIC INJURY CONCEPTS FOR COACHES 3 S
KNR 207 or conc reg; soph standing req.
An introductory course for coaches, with emphasis on the prevention and care of athletic injuries.

280 EXERCISE PHYSIOLOGY 3 F,S
Maj/min only. KNR 181 and 182 req; KNR 240 conc reg req.
Application of human anatomy and physiology to the understanding of physical education. Effects of exercise on body systems and performance.

282 BIOMECHANICS OF HUMAN MOVEMENT 3 F,S

KNR 181 or BSC 181 req; PHY 105 or 108 req. Lecture and lab. Formerly KINESIOLOGY. Materials charge optional.

Study of human movement based on principles of anatomy and mechanics of motion

284 PREVENTION AND CARE OF ATHLETIC INJURIES 3 F,S

KNR 181 or cons inst req. Maj/min only.

An introductory course, with emphasis on the prevention and care of athletic injuries.

285 RESISTIVE EXERCISE INSTRUCTIONAL METHODS 1 F,S

Maj/min only. KNR 164, 240, 280 req.

Instructor preparation for creating individualized resistive exercise programs for persons across the age span. Includes personal skill development.

286 GROUP EXERCISE INSTRUCTIONAL METHODS 2 F,S

Maj/min only. KNR 164, 240, 280 req.

Introduction to leading several modes of group fitness classes for a variety of populations, including group leadership experiences.

288 THERAPEUTIC MODALITIES 3 F

KNR 181, 182, 188 or cons inst req.

An investigation of the theoretical, technological, and physiological basis of therapeutic modalities in athletic training.

295 HONORS SEMINAR 1 F,S

Introduction to independent Honors study; identification and definition of problems; selected methods for problem solving; use of library resources.

298.10 PROFESSIONAL PRACTICE: PRACTICUM IN EXERCISE SCIENCE 2 F,S

Maj/min only. KNR 164, 240, 280 or cons of inst req. Jr standing. Materials charge optional. Formerly PP:PRACTICUM IN EXERCISE SCIENCE AND FITNESS.

Application of knowledge and skills in professional settings for Exercise Science. Fifty out-of-class hours required.

298.11 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES I 1 S

KNR 188, 188.01 and admittance to the Athletic Training Education Program-Clinical Instruction Practicum. Materials charge optional.

Supervised instruction and practice of skills and competencies for the beginning (Level 1) student athletic trainer.

298.12 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES II 1 F

KNR 298.11 or cons inst req.Materials charge optional.

Supervised instruction and practice of clinical skills and competencies for the progressing (Level 2) student athletic trainer.

298.13 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES III 1 S

KNR 298.12 or cons inst req.

Supervised instruction and practice of clinical skills and competencies for the intermediate (Level 3) student athletic trainer.

298.14 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES IV 1 F

KNR 298.13 or cons inst req. Materials charge optional.

Supervised instruction and practice of clinical skills and competencies for the advanced (Level 4) student athletic trainer.

298.15 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES V 1 S

KNR 298.14 or cons inst req.

Supervised instruction and practice of clinical skills and competencies for the advanced (Level 5) student athletic trainer.

304 TEACHING OF SPORTS 3 F

Optimal learning in human movement: content, teacher behavior, situational conditions, analysis of sports, instructional approaches, application and research.

306 PSYCHOLOGY OF SPORT 3 F

Maj/min only or cons inst req.

Psychological principles and concepts applied to sport situations and to individuals involved with sport activities.

307 EXERCISE IN HEALTH AND DISEASE 3 F,S

Maj/min only. KNR 164, 240, and 280 req.

Application of exercise physiology principles to evaluate the extent to which common disease processes limit body function and exercise performance.

308 EXERCISE PROGRAMMING 3 F,S

Maj/min only. KNR 164, 240 and 280 req; 309 conc reg req.

Development of skills and knowledge necessary for designing exercise programs for all populations.

309 PRINCIPLES AND TECHNIQUES OF PHYSIOLOGICAL TESTING 3 F,S

Maj/min only. KNR 164, 240 and 280 req; KNR 308 conc reg req. Materials charge optional.

Application of various laboratory exercise testing modalities for evaluating human physiological function.

310 FITNESS MANAGEMENT 2 F,S

Maj/min only. KNR 164, 298.10 or cons inst req.

Theories of organization and principles of management applied to fitness programs in the commercial, community, medical, and worksite settings.

317 SOCIOLOGY OF SPORT 3 S

Also offered as SOC 317.

The social institution of sport is examined using such sociological concepts as social organization, culture, socialization, deviance, social stratification, minority groups and collective behavior.

320 DEVELOPMENT ASPECTS OF YOUTH SPORT 3 S
Maj/min only or cons inst req.
Effects of sport and competitive activities on the biophysical and psychosocial development of young people.

334 THERAPEUTIC EXERCISE 3 F
KNR 288, or cons inst req.
Essential components of a comprehensive rehabilitation program including goals, exercise selection, progression, evaluation, and criteria for return to competition.

335 ADMINISTRATION OF ATHLETIC TRAINING 2 S
KNR 188, 284, or cons inst req.
Theory and application in athletic training programs including pre-participation physical examinations, budget management, medical records, and legal aspects of sports medicine.

341 ASSESSMENT IN PHYSICAL EDUCATION 3 F,S
KNR 158, 221, 225, 242 or conc reg req. Not for cr if had KNR 241.
Planning and implementation of appropriate assessment strategies in physical fitness, motor skills, cognitive achievement, and the affective areas in K-12 physical education.

342 OCCUPATIONAL BIOMECHANICS 3 F
KNR 282 or cons inst req. Materials charge optional.
Application of biomechanical principles to the solution of problems related to the interaction of the worker with the workplace.

345 ADVANCED FUNCTIONAL ANATOMY 3 S
KNR 181, 182; Jr standing req or cons inst req.
This course synthesizes anatomy, physiology, and human movement as it relates to sports injury.

352 QUANTITATIVE ANALYSIS OF BIOMECHANICS 3 F
KNR 282 or cons inst req. Formerly BIOMECHANICS OF HUMAN MOVEMENT. Materials charge optional.
Amplification of kinematics and kinetics of human movements; introduction to high-speed videography, biomechanics instrumentation and computer analysis.

353 BASIC ELECTROCARDIOGRAPHY AND CLINICAL EXERCISE TESTING 3 F
KNR 181, 182, 280, or cons inst req. Formerly ELECTROCARDIOGRAPHY.
Theory and application of electrocardiographic analysis in the functional and diagnostic assessment of individuals.

358 DIRECTED PRACTICUM IN ELEMENTARY PHYSICAL EDUCATION 3 F,S
KNR 158, 221, 225, 242; 341 or conc reg req. Adm to Prof Studies req. Taken the sem prior to student teaching. Students must have 2 consecutive hrs between 8 a.m. and noon and 1 p.m. and 3 p.m. (e.g., 9-11) free daily, during one half of the sem. Incl Clin Exp: 40 hrs, Type 1-5. Formerly KNR 258, DIRECTED PRACTICUM IN PHYSICAL EDUCATION.
Arranged Clinical Experience assignment that includes observation, participation, and teaching in elementary physical education.

361 PATHOLOGY AND PHARMACOLOGY IN ATHLETIC TRAINING 3 S
KNR 181, 182 req. Jr standing or cons inst req.
Relevant biomedical conditions and afflictions and associated pharmacological interventions for the athletic training student.

362 SEMINAR IN SPORTS MEDICINE I 1 S
KNR 298.13 conc reg req. Not for cr if had KNR 384.
Orientation to and preparation for the professional practice in athletic training including formal application and placement.

363 SEMINAR IN SPORTS MEDICINE II 2 S
KNR 298.15 conc reg req. Not for cr if had KNR 384.
Synthesis of program content in preparation for the BOC examination and initial employment.

378.10 SEMINAR IN PROFESSIONAL PRACTICE FOR EXERCISE SCIENCE 2 F,S
ES maj only. KNR 164, 298.10 or cons inst req. Sr standing req. Formerly SEMINAR IN PROFESSIONAL PRACTICE.
Orientation to the expectations and problems encountered during professional practice with application and placement in exercise science environments.

382 LEGAL ASPECTS OF RECREATION AND KINESIOLOGY 3 F,S
KNR maj/min only; Sr standing req. Formerly 289.43 LEGAL ASPECTS OF SPORTS, PHYSICAL ACTIVITY AND RECREATION.
Legal principles applied to recreation and kinesiology settings, with an emphasis on risk management practices.

383 ADAPTED PHYSICAL EDUCATION 3 F,S
Maj/min only. KNR 158, 221, 225 req. Incl Clin Exp. 15 hrs, Type 4.
Study of conditions requiring physical education programs to be adapted to meet the unique needs of students with disabilities.

387 EVALUATION OF ATHLETIC INJURIES: LOWER EXTREMITIES 3 S
KNR 181, 284, or cons inst req.
The advanced study of lower extremity injuries, with emphasis on evaluation.

388 EVALUATION OF ATHLETIC INJURIES: UPPER EXTREMITIES 3 F
KNR 188, 284, or cons inst req.
Study and practice of evaluation and management of upper extremity injuries in sports.

391 CREATING POSITIVE LEARNING ENVIRONMENTS IN PHYSICAL EDUCATION 1 F,S
STT 399.74 and/or 399.75 conc reg or cons inst req.
Strategies for developing and implementing effective behavior management plans in physical education programs based on sound education practices.

394 HEALTH ASPECTS OF AGING 3 S
Also offered as FCS/HSC 394.
Characteristics of the aging process and factors influencing adaptation and the quality of living.

398.11 PROFESSIONAL PRACTICE: INTERNSHIP IN EXERCISE SCIENCE 1-14 F,S,Summer
ES maj only. Sr standing and all grad req met or in progress. Materials charge optional. Formerly PP: INTERNSHIP IN EXERCISE SCIENCE AND FITNESS.
Supervised internship done under the guidance of professionally qualified personnel from business, industry, government, and University faculty.

398.12 PROFESSIONAL PRACTICE: INTERNSHIP IN ATHLETIC TRAINING 1-14 F,S,Summer
AT maj only. KNR 298.13 or cons inst; and KNR 362 req. Materials charge optional.
Internship experience in athletic training under the guidance of a qualified sports medicine professional.

Recreation and Park Administration Courses

Some sections of these courses may be restricted to School of Kinesiology and Recreation majors.

170 INTRODUCTION TO LEISURE AND RECREATION 3 F,S
Nature, scope, and significance of recreation and leisure. Introduction to the professional areas of recreation and leisure delivery systems.

171 RECREATION LEADERSHIP 3 F,S
KNR 170 or conc reg req.
Development of activity planning skills, individual leadership skills, and group facilitation methods.

175 LEISURE IN SOCIETY 3 F,S
Introduction of leisure in historical and contemporary perspectives. Relationships between leisure and other societal institutions. Determinants of leisure behavior.

270 RECREATION FOR PEOPLE WITH DISABILITIES 3 F,S
Maj/min only. KNR 271 or conc reg req. Materials charge optional.
Leadership, assistive techniques/devices and disability issues related to recreation programming for individuals with mental, physical, social and emotional limitations.

271 RECREATION PROGRAMMING 3 F,S
Maj/min only. KNR 171 req, or Tourism Studies minor.
Comprehensive recreation program design including planning, organizing, promoting, and evaluating programs in a variety of leisure service delivery systems.

272 ENTREPRENEURIAL RECREATION 3 F,S
Maj/min only. KNR 298.30 req or Tourism Studies min. Not for cr if had KNR 276, 277.
Study of the development, management, and future of recreation enterprises.

273 INTRODUCTION TO THERAPEUTIC RECREATION 3 F
HSC 105; KNR 181 or 182 req. KNR 271 or cons inst req.
Foundation concepts of therapeutic recreation including history, social issues, professional issues, and basic program design.

275 PLANNING AND DESIGN OF RECREATION FACILITIES 3 F,S
Maj/min only. KNR 271 or Tourism Studies min req.
Techniques and principles of site planning, design, and development of facilities in parks and recreation settings.

278 THERAPEUTIC RECREATION SERVICE DELIVERY 3 F
KNR 271 and 273 req or cons inst req.
Design of comprehensive and specific intervention programs used in the delivery of therapeutic recreation services. Focus on accountability and evaluation.

279 THERAPEUTIC RECREATION CLIENT DOCUMENTATION 3 S
KNR 278 or cons inst req.
Focus on systematic and accountable client documentation (assessment, treatment plans, progress notes, discharge/referral summaries) for therapeutic recreation intervention programs.

295 HONORS SEMINAR 1 F,S
Advanced readings and critical discussion of recreation with broad areas of concern in social, philosophical, and scientific bases.

298.30 PROFESSIONAL PRACTICE: INTERNSHIP AND COOPERATIVE EDUCATION IN RECREATION AND PARK ADMINISTRATION 2 F,S,Summer
Maj in Rec; KNR 298.36 or conc reg; Jr standing req. Materials charge optional.
Application of knowledge and skills in recreation programming to practical situations within a leisure service delivery system.

298.31 PROFESSIONAL PRACTICE: INTERNSHIP AND COOPERATIVE EDUCATION IN COMMERCIAL RECREATION 2 F,S,Summer
KNR 271 or cons inst req. Jr standing rec. May be repeated.
Application of knowledge and skills in recreation programming to practical situations within commercial, tourism, or travel recreation delivery systems.

298.32 PROFESSIONAL PRACTICE: INTERNSHIP AND COOPERATIVE EDUCATION IN THERAPEUTIC RECREATION 3 F,S,Summer
KNR 271 or cons inst req. Jr standing rec. May be repeated.
Application of knowledge and skills in recreation programming to practical situations within a therapeutic recreation service delivery system.

298.33 PROFESSIONAL PRACTICE: INTERNSHIP AND COOPERATIVE EDUCATION IN PROGRAM MANAGEMENT 3 F,S,Summer
KNR 271 or cons inst req. Jr standing rec. May be repeated.
Application of knowledge and skills in recreation programming to practical situations within a public or non-profit recreation delivery system.

298.35 PROFESSIONAL PRACTICE: INTERNSHIP AND COOPERATIVE EDUCATION IN CAMPING AND OUTDOOR LEADERSHIP 3 F,S,Summer
KNR 271 or cons inst req. Jr standing rec. May be repeated.
Application of knowledge and skills in recreation programming to practical situations in camping and outdoor leadership environments.

298.36 PROFESSIONAL PRACTICE PREPARATION SEMINAR IN RECREATION AND PARK ADMINISTRATION 1 F,S
Maj in Rec; KNR 271 req.
Overview and investigation of professional practice preparation.

370 ADMINISTRATION OF LEISURE SERVICE ORGANIZATIONS 3 F,S
Maj/min only. KNR 298.30 rec. Not for cr if had KNR 375.
Organizational management functions such as planning, marketing, and financial accountability in organized recreation and leisure delivery systems.

371 OUTDOOR RECREATION 3 S
KNR 271 req.
Overview of outdoor recreation concepts and management principles.

373 LEISURE EDUCATION AND FACILITATION TECHNIQUES 3 S
KNR 273 or cons inst req. Lecture and lab.
Advanced study of leisure education models and concepts; application and understanding of facilitation techniques in therapeutic recreation services.

374 ADVANCED RECREATION PROGRAMMING 3 F,S
Maj/min only. KNR 271 req; 298.30 rec or Tourism Studies min. Fieldwork req.
Application of recreation programming principles to a field setting which includes assessment, planning, organizing, implementing and evaluation functions.

376 EVALUATING AGENCY SERVICES 3 F,S
Maj/min only. KNR 298.30 req. Materials charge optional.
Use and methods of evaluation, including conceptualization, implementation and report preparation, with application to leisure service delivery systems.

377 PRACTICES AND ISSUES IN COMMERCIAL RECREATION AND TOURISM 3 S
Cons inst req. Materials charge optional.
Analysis of selected practices, issues, and current trends confronting commercial recreation business enterprises.

378.30 PROFESSIONAL ISSUES IN RECREATION AND PARK ADMINISTRATION 3 F,S
Maj only; KNR 298.30 req. Sr standing req.
In-depth analysis of selected trends, issues, problems confronting leisure service practitioners in contemporary settings, and professional practice selection.

380 ADMINISTRATION OF HUMAN RESOURCES IN LEISURE SERVICES 3 F,S
Maj/min only. KNR 298.30 rec. Not for cr if had KNR 375.
Administrative/management functions in the operation of organized recreation and leisure delivery systems.

381 SPECIAL STUDIES IN RECREATION, TOURISM, AND SPORT 1-3 F,S
Cons inst req. May be repeated; max 6 hrs.
Special work in research interests of students and faculty. Projects must be approved by the instructor.

382 LEGAL ASPECTS OF RECREATION AND KINESIOLOGY 3 F,S
KNR maj/min only; Sr standing req. Formerly 289.43 LEGAL ASPECTS OF SPORTS, PHYSICAL ACTIVITY AND RECREATION.
Legal principles applied to recreation and kinesiology settings, with an emphasis on risk management practices.

398.30 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN RECREATION AND PARK ADMINISTRATION 1-12 F,S,Summer
Maj only; KNR 378.30 req. All graduation req met or in progress.
Culminating experience of supervised internship done under the guidance of professionally qualified personnel in leisure service agencies and University faculty.

MILITARY SCIENCE (MSC) 516

ROTC Building, 211 North University, (309) 438-5408
Email address: arotc@ilstu.edu
Web site: www.cast.ilstu.edu/msc/home1.asp

Chairperson:LTC Eugene Snyman

General Department Information

Military Science Program

ROTC is designed to be completed concurrently with the student's academic degree. Students can complete the first two years of ROTC with absolutely no military service obligation. Veterans, National Guardsmen, Army Reservists, and students who complete a four week leadership course at Fort Knox, Kentucky receive constructive credit for the first two years of ROTC, and can complete the ROTC program in as few as two school years.

Freshman through senior ROTC courses are offered every semester. These academic courses progress from introducing the student to the Army's mission and organization, studying leadership principles and traits, to teaching students the duties and responsibilities required of officers in the twenty-first century. Each class has a leadership laboratory that meets once a week. At lab, freshmen through senior students train on basic military skills and get the opportunity to perfect leadership skills through hands-on application. Some of the skills learned

during lab include rappelling, water survival training, rifle marksmanship, first aid and CPR, map reading and land navigation, and basic tactics.

In addition to regular on-campus training and activities, ROTC offers exciting and challenging weekend field trips during the school year. Trips include a staff ride to the 1st Infantry Division Museum at Cantigny, an orientation visit to Fort Knox, Kentucky, and trips to local national guard training areas to practice marksmanship, land navigation, and tactical skills.

FINANCIAL AID

Military Science students can receive outstanding financial aid through Federal and State Army ROTC scholarships.

Federal ROTC scholarships are awarded for a four, three, or two-year period. Students compete at the national level for these scholarships. Each scholarship can pay up to the full tuition and fees each semester, provides a book allowance of $900 a year, and a tax free monthly living allowance of $250 for freshmen to $400 for seniors, depending on scholarship status.

State ROTC tuition waivers are awarded by the Professor of Military Science at Illinois State University. The Redbird Battalion awards forty of these scholarships each semester to students in the ROTC program. A student who receives a State ROTC tuition waiver may use its benefits for up to eight semesters.

EXTRACURRICULAR ACTIVITIES

Several clubs complement the ROTC academic curriculum, and help students enjoy their college experience more.

Ranger Club trains intensively on military skills such as land navigation, patrolling, and rappelling. They sponsor the annual Ranger Challenge competition in which a group of ten cadets are tested on individual and team military skills. The Illinois State University Ranger Challenge team competes with nineteen other university ROTC Ranger Challenge teams at Fort Leonard Wood, Missouri every October.

Rifle Club fires .22 caliber match rifles weekly at an indoor rifle range. They also participate in marksmanship competitions with other university ROTC programs during the school year.

The Redbird Color Guard presents the national colors at home football and basketball games, as well as other local community events.

Association of the U.S. Army Club is the ROTC Social Club. The club allows cadets the chance to get together in an informal social atmosphere to discuss current leadership issues. The club also plans and executes community service projects such as Blood Drives, Habitat for Humanity, food and clothing drives, and leadership training for Boy Scouts and Girl Scouts.

CAREER OPPORTUNITIES

Students who complete the ROTC program receive a commission as a second lieutenant in the Army after graduation. The student has the option of serving in the National Guard or Army Reserve as a part time career, or on active duty in the Regular Army as a full time profession. ROTC graduates can also receive a minor in Military Science by applying through the Military Science Department.

Lieutenants in the Army lead people, while managing equipment, vehicle fleets, and financial resources. New lieutenants are routinely put in charge of and lead groups of up to fifty people immediately after graduation from college.

Officer career specialties in the Army are as diverse as those found in the civilian sector. Some of the sixteen specialties students can request as an Army officer include: Engineering, Personnel Management, Nursing, Signal Corps, Finance, Transportation, Medical Service Corps, Military Police, and Aviation. Except for the health professions, an officer's specialty in the Army does not have to be related to his or her academic degree in college.

New lieutenants who go into the Regular Army serve on active duty for three or four years, and may then transfer into the reserves. Lieutenants commissioned in the National Guard or Army Reserve serve their entire tour in the Reserves.

MINOR IN MILITARY SCIENCE

Admission into the Military Science Minor program is by permission of the Department Chairperson following a special interview concerning eligibility and entry requirements. Interested students should make arrangement for an interview as early as possible but not later than the second semester of their sophomore year.

- 34 hours required.
- Prerequisites (4 hours): MSC 111 and 112; or satisfactory completion of Army Reserve Officers' Training Corps (ROTC) Leadership Training Course (may be taken for credit as MSC 203); or proficiency as approved by the Military Science Department Chairperson.
- Required courses (11 hours): MSC 220, 221, 240, 241.
- History (3 hours): HIS 278 or 279.
- Written Communications (3 hours): ENG 145, 247 or 249.
- Human Behavior (3 hours): PSY 111, 112, 131; SOC 106 or 131.
- Computer Literacy (3 hours): ITK 140, 150, or 155.
- Math Reasoning (3 hours): MAT 105, 120, or 121.
- Physical Education (4 hours): KNR 146.

Military Science Courses

101 INTRODUCTION TO LEADERSHIP: INDIVIDUAL EFFECTIVENESS 1 F
Introduction to leadership from perspective of the member of an effective organization. Self-enhancement skills such as time management techniques, problem solving and decision-making processes, and health enrichment actions.

102 INTRODUCTION TO LEADERSHIP: TEAMWORK 1 S

Basic leadership fundamentals, principles, and experiences. Relevant for all organizational leaders. Purpose is to examine how the individual organizational member and the team are affected by leaders and leadership decisions.

111 APPLIED LEADERSHIP II 2 S

Examines leadership within military organizations and structure. Introduces map reading fundamentals and application of land navigation principles using the lensatic compass and terrain association. Provides opportunities to exercise leadership skills to meet established goals and objectives within specific time constraints.

112 APPLIED LEADERSHIP 2 F

Formerly AMERICAN LEADERSHIP TRADITION AND CHANGE.

Provides more in-depth and critical assessment of leadership within American society. Students are challenged to learn and apply leadership principles. Group research projects designed to research, examine, and analyze leaders and leadership within community context.

200 LEADERSHIP LABORATORY 0 F,S

Conc reg in AROTC Basic or Advanced Courses req.

Provides development by practical application of the student's leadership skills through progressive training, planning, execution, and assessment.

203 ROTC LEADERSHIP TRAINING COURSE 6 Summer

Cons inst req. CR/NC only.

Provides instruction and practical application on basic military concepts of map reading, tactics, small group operations, weapons, and adventure training. Training is presented off campus at Fort Knox, Kentucky. Provides constructive credit for first two years of ROTC.

220 ADVANCED LEADERSHIP AND TACTICS I 3 F

Cons inst req.

Provides general knowledge and understanding of advanced leadership principles, small unit offensive operations, land navigation, and the operating systems.

221 ADVANCED LEADERSHIP AND TACTICS II 3 S

Reg in AROTC and MSC 220 or cons inst req.

Provides knowledge and understanding of advanced combat leadership techniques, small unit defensive operations, patrolling, and land navigation.

240 ADVANCED APPLIED LEADERSHIP I 3 F

Reg in AROTC Advanced Course or cons inst req.

Fundamental concepts of military justice; principles of court-martial and non-judicial punishment; staff principles and procedures in the Army organizational structure. Part I of a two-semester capstone experience prior to commissioning.

241 ADVANCED APPLIED LEADERSHIP II 2 S

Reg in AROTC Advanced Course or cons inst req.

Introduction to professionalism and military professional responsibility. Provides students with a capstone experience in leadership studies before their transition to officership.

242 LEADERSHIP DEVELOPMENT ASSESSMENT 6 Summer

Reg in a ROTC Advanced Course req. Formerly ROTC NATIONAL ADVANCED LEADERSHIP CAMP. CR/NC only.

Instruction and practical application in field training, demonstration of leadership capabilities, and leadership opportunities of problem analysis, decision making, and troop-leading. Training is presented off campus near Seattle, Washington.

TECHNOLOGY (TEC) 510

210 Turner Hall, (309) 438-3661
Web address: www.tec.ilstu.edu

Chairperson: Rodney L. Custer.
Tenured/Tenure-track Faculty:
Professors: Boser, Brauchle, Custer, Gokhale, Meier, Stier.
Associate Professors: Dan Brown, Ryan Brown, Wilson.
Assistant Professors: Comerford, Devine, El-Gafy, Merrill, Park, Reifschneider, Schmidt.

General Department Information

The Department of Technology is accredited by the National Association of Industrial Technology (NAIT). The department features programs focused on the creative, systematic application of knowledge utilizing human and natural resources involving tools, equipment, techniques, processes, procedures, scientific principles, and management skills to produce and distribute goods, services and information to cope with change or to control environmental conditions and their effect on society and culture.

Technology students are required to select one of the following technology programs: B.S. in Industrial Technology, B.S. in Technology Education. Students selecting the B.S. in Industrial Technology are required to select one of the following sequences: Construction Management, Graphic Communications, Industrial Computer Systems, or Integrated Manufacturing Systems.

HONORS IN TECHNOLOGY

The Department offers honors work in the different departmental programs to majors who have completed 60 semester hours with a cumulative 3.50 GPA. Students interested in the program should see the departmental advisor. Requirements for honors in the Technology Honors Program are available in the departmental office, 210 Turner Hall.

Technology Programs

Degree Offered: B.S.

MAJOR IN INDUSTRIAL TECHNOLOGY

Construction Management Sequence:

Construction Management is an interdisciplinary curriculum that provides a background in construction administration, construction technology, architectural and engineering principles, applied science, and mathematics. The goal of the sequence is to prepare construction professionals capable of managing projects to completion from plans prepared by design professionals. Course work emphasizes the allocation of labor, equipment, and material to construction projects in order to achieve completion at maximum efficiency of time and cost. The program focus is on production rather than design, and management capabilities rather than craft skills. The Construction Management sequence is accredited by the American Council on Construction Education (ACCE). Graduates are prepared to assume leadership positions in residential and commercial construction. Initial employment positions may include: field supervision, project management, estimating, and scheduling. Positions are also available in related areas such as construction financing, product sales, quality control, and safety management.

— 94 hours required.
— 20 hours in General Education: MQM 100; PSY/SOC 131; CHE 102; MAT 120; PHY 105; and 3 hours from one of the following: CHE 204; GEO 202, 207; or PHY 207.
— 13 hours in Industrial Technology core: TEC 100, 270, 313; ITK 155.02; HSC 272.
— 42 hours of required sequence courses: TEC 116, 120, 121, 123, 222, 223, 224, 226, 229, 292, 322, 325, 326, 327, and 394.
— 6 hours of sequence elective courses selected from the following: TEC 211, 225, 328, 398 (3 hours).
— 10 hours from the College of Business and Department of Economics including: ACC 131; ECO 105; and FIL 185.
— 3 hours of sequence management electives from the following: FIL 260; MKT 230; TEC 320; TEC 370.

Graphic Communications Sequence:

Graphic Communications is a management-oriented technical curriculum related to the processes, products and opportunities within the diverse printing, publishing and packaging industries. Students will practice systematic and creative applications of knowledge, human and natural resources, tools and equipment, and techniques related to the production of printed and electronic images. The goal of the sequence is to prepare professionals to enter the field in positions including mid-managers, quality control specialists, technical sales, estimators, customer service representatives, and production operations managers.

— 75 hours required.
— 17 hours in General Education: MQM 100; PSY/SOC 131; CHE 102; MAT 120; PHY 105.
— 16 hours in Industrial Technology core: TEC 100, 270, 313, 330; ITK 155.02; HSC 271.
— 36 hours of required sequence courses: TEC 116, 150, 250, 253, 257, 350, 351, 352, 353, 354, 356 and 358.
— 6 hours of sequence elective courses selected from the following: TEC 111, 151, 243, 244, 283, 317, 320, 345, 370, 383, 398 (3 hours); ACC 131; COM 160; ECO 105; FIL 185.

Industrial Computer Systems Sequence:

Industrial Computer Systems is an interdisciplinary curriculum that provides a background in computer technology, software, programming, information imaging, and other industry-related technologies. The goal of the sequence is to prepare professionals for the management and supervision of technical computer systems in industrial settings. Course work emphasizes the use of computer systems to provide students with a diverse technical and professional background in communications, networking, interfacing, and electronic principles related to industrial computer systems.

— 81 hours required.
— 17 hours in General Education: MQM 100; PSY/SOC 131; CHE 102; MAT 120; PHY 105.
— 16 hours in Industrial Technology core: TEC 100, 270, 313, 330; ITK 155.02; HSC 271.
— 36 hours of required sequence courses: ITK 168; MAT 108; TEC 143, 151, 243, 244, 245, 283, 284, 319, 383, and 390.
— 12 hours of additional courses selected from the following: ITK 254; TEC 116, 150, 211, 216, 240, 250, 263, 317, 318, 320, 345, 348, 352, 370, 398 (3 hours).

Integrated Manufacturing Systems Sequence:

Integrated Manufacturing Systems is an interdisciplinary curriculum that provides experiences in the following areas: Product Design, Process and Production Control, or Industrial Plastics. The goal of the sequence is to prepare professionals capable of managing projects and processes in industrial settings. Course work emphasizes the management of people, processes, and materials through hands-on activities. Initial employment opportunities include: project management, process control, production management, product design, quality control support, and technical sales.

— 78 hours required.
— 17 hours in General Education: MQM 100; PSY/SOC 131; CHE 102; MAT 120; PHY 105.
— 16 hours in Industrial Technology core: TEC 100, 270, 313, 330; ITK 155.02; HSC 271.
— 30 hours of required sequence courses: TEC 111, 116, 130, 216, 233, 240, 263, 285, 292, and 392.
— 12 hours minimum of sequence elective courses selected from one of the following concentrations: **Plastics Technology, Production and Process Control,** or **Product Design**. Students should see the department advisor for specific course recommendations: TEC 212, 234, 244, 315, 317, 318, 345, and 384.

— 3 hours of department electives from the following: TEC 320, 370, or 398.

MINOR IN INDUSTRIAL TECHNOLOGY

— 21 hours required through advisement.
— 6 of the 21 hours required must be upper level coursework.
— No more than 9 hours from the Industrial Technology major program of study may be applied to the minor.
— Courses must be chosen from the following list: TEC 111, 116, 120, 121, 123, 130, 143, 150, 151, 211, 212, 216, 222, 223, 224, 225, 226, 229, 233, 234, 240, 243, 244, 245, 250, 253, 257, 263, 270, 283, 284, 285, 292, 313, 315, 317, 318, 319, 320, 322, 325, 326, 327, 328, 330, 345, 348, 350, 351, 352, 353, 354, 356, 383, 384, 390, 392, 394; ITK 155.02 and HSC 271 or 272.

DOUBLE MAJOR

Degree Offered: B.S.

NOTE: Only core courses and acceptable substitutions (ITK 155.02; CHE 102; HSC 271; TEC 100, 270, 313 and 330; MAT 120; MQM 100; PHY 105; PSY/SOC 131) may be used to meet the requirements for a double major in Industrial Technology.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

—Acceptable substitution for ITK 155.02 is ITK 160.
—Acceptable substitutions for CHE 102 are CHE 110 and 112, or CHE 140.
—Acceptable substitution for MAT 120 is MAT 144 or 145.
—Acceptable substitution for MQM 100 is ECO 138.
—Acceptable substitutions for PHY 105 are PHY 108 or PHY 110.
—Acceptable substitution for PSY/SOC 131 is PSY 110 or PSY 111.
—Acceptable substitution for TEC 270 is MQM 220.
—Acceptable substitutions for TEC 330 are ACC 131 and ACC 132.

MAJOR IN TECHNOLOGY EDUCATION

Technology Education includes: (1) a study of the concepts practiced in modern technological systems of energy utilization, communication, production, and transportation, and engineering-related fields; (2) the development of cognitive, psychomotor, and affective skills in these four areas related to the use of tools, materials, processes, resources, techniques, scientific principles, work (skill and organization), and products as well as their impacts on society; and (3) the professional competencies of planning, executing and evaluating instruction.

The following requirements are part of the entitlement program leading to certification; Secondary 6-12. Initial employment opportunities include: Junior High/Middle School Technology Teacher (middle school endorsement also requires PSY 302 and C&I 233), High School Technology Teacher, Vocational/Trade School Teacher, School District Technology Coordinator, Community/Junior College Instructor, Industrial Trainer/Instructor. A cumulative and major GPA of 2.50 is required for student teaching and graduation. The Technology Education Program is accredited by the Illinois Board of Education (ISBE) and NCATE/CTTE.

— 84 hours required.
— 4 hours General Education: PHY 105.
— 35 semester hours of required technical core courses: TEC 101, 111, 116, 120, 130, 150, 201, 216, 243, 303; ITK 155.02; and MAT 108.
— 15 semester hours of additional Industrial Technology elective courses.
— 30 semester hours Professional Education courses that include: C&I 212, 214, 216; EAF 231 (EAF 228 or EAF 235 may also be used to meet this requirement); PSY 215; STT 399.33; TEC 203. Successful completion of 100 clinical hours required before student teaching.

MINOR IN TECHNOLOGY EDUCATION

— 25 semester hours of required technical core courses: TEC 111, 116 or 150, 120 or 130, 201, 203, 303; MAT 108; and PHY 105.
— In order to teach, students completing a minor in technology education must complete a sequence of professional education coursework and student teaching in another teacher certification endorsement area, and pass the Illinois State Board of Education content examination for technology education.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Technology Courses

100 INTRODUCTION TO INDUSTRIAL TECHNOLOGY 1 F,S
Lecture. Materials charge optional.
Study of Industrial Technology, programs in the department, and career opportunities in Technology Education and Industrial Technology.

101 INTRODUCTION TO TEACHING TECHNOLOGY 3 F,S
Incl Clin Exp. Lecture.
Methodological insights and understanding for teaching technical subject matter; emphasis on observing programs, developing, conveying and evaluating technology-based curricula.

110 INTRODUCTION TO MICROCAD 1 F,S
Not for cr maj/min. Lecture and lab. Materials charge optional.
Computer-assisted drawing using microCAD software to introduce basic command usage and procedures for graphic representation and drawing creation.

111 FUNDAMENTALS OF POWER TECHNOLOGY 3 F,S
PHY 105 or conc reg req. Lecture and lab. Formerly FOUNDATIONS OF INDUSTRIAL TECHNOLOGY.
Principles of electrical, electronic, mechanical, and fluid power components and systems as they apply to industrial applications.

116 TECHNICAL DRAWING 3 F,S
Lecture and lab. Materials charge optional.
Studies in graphical representation of technical ideas according to industry standards; emphasis on sketching, computer-aided drafting, and blueprint reading.

120 INTRODUCTION TO BUILDING CONSTRUCTION 3 F,S
Lecture. Materials charge optional.
Introduction to the principles, practices, and materials used in residential and light-commercial construction.

121 CONSTRUCTION METHODS 2 F,S
Lecture and lab. Materials charge optional.
Applications of the principles, practices, and materials used in residential and light-commercial construction.

123 CONSTRUCTION DOCUMENTS AND QUANTITY TAKEOFF 3 F,S
TEC 120 or conc reg req. Lecture and lab.
Introduction to blueprint reading, construction specifications, and quantity takeoff procedures.

130 INTRODUCTION TO MANUFACTURING PROCESSES 3 F,S
Lecture and lab. Materials charge optional.
Secondary material processes including industrial machinery usage and study in the areas of forming, casting, separating, joining, and conditioning.

143 INTRODUCTION TO ELECTRONICS FOR DATA COMMUNICATION 3 F,S
MAT 108 and 120 req. Maj/min only or cons dept advisor req. Lecture and lab. Formerly INTRODUCTION TO ELECTRONICS DATA COMMUNICATIONS. Materials charge optional.
Overview of the fundamentals, concepts, and theory of basic electronics essential to telecommunications systems.

150 GRAPHIC COMMUNICATIONS TECHNOLOGY 3 F,S
Lecture and lab. Formerly FUNDAMENTALS OF PRINTING AND IMAGING TECHNOLOGIES. Materials charge optional.
Introduction to the history, vocabulary, tools, materials, and process of the graphic communications industry.

151 INTRODUCTION TO INDUSTRIAL COMPUTER SYSTEMS 3 F,S
Maj/min only or cons dept advisor req. Lecture and lab. Materials charge optional.
Study and use of basic methods, materials, software and equipment used in industrial computer applications for imaging, graphics, and communications.

175 LIVING IN A TECHNOLOGICAL WORLD MC-IS 3 F,S
ENG 101 or COM 110 req or conc reg req. Also offered as SOC 175. May not be taken under the CT/NC option. Lecture.
Interdisciplinary course that analyzes social change through the lens of technology.

201 TEACHING TRANSPORTATION TECHNOLOGY 3 F,S
TEC 101 or demonstrated equiv competencies req. TEC 111 and 116 or conc reg req. Lecture and lab.
Instruction and practice developing and teaching transportation technology curricula, understanding teacher roles, acquiring transportation background knowledge, and teaching strategies.

203 COMPETENCIES FOR TEACHING 4 S
TEC 101 and 275 req. C or better in C&I 216 or PSY 215 or conc reg req. Incl Clin Exp. Conc reg in Student Teaching and Adm to Prof Studies req. CR/NC only. Lecture.
Curriculum planning, teaching, and evaluation strategies, and professionalism for Technology Education teachers.

211 ARCHITECTURAL DRAFTING 3 F,S
TEC 110 or 116 req. Lecture and lab. Materials charge optional.
Problem approach to architecture; emphasis on residential planning and construction. Laboratory devoted to development of working drawings.

212 MECHANISM DESIGN 3 F
TEC 116 req. Lecture and lab. Formerly MACHINE DESIGN. Materials charge optional.
Applied kinematic design analysis and techniques common to the design of mechanisms using analytical and graphical methods.

216 COMPUTER-AIDED DESIGN AND DRAFTING 3 F,S

TEC 116 req. Lecture and lab. Materials charge optional.

Intermediate course focusing on CAD, especially management principles, design dimensioning and tolerancing, and solid modeling within an industrial CAD environment.

222 MECHANICAL AND ELECTRICAL SYSTEMS FOR BUILDINGS 3 F,S

TEC 120; MAT 120; and PHY 105 req. Maj/min only or cons dept advisor req. Lecture and lab. Formerly MECHANICAL SYSTEMS FOR BUILDING. Materials charge optional.

Introduction to design, operation, and installation of heating, ventilation, air conditioning, plumbing, fire protection, and electrical systems.

223 SURVEYING AND BUILDING LAYOUT 3 F,S

TEC 120 req. MAT 120 req. Maj/min only or cons dept advisor req. Lecture and lab.

Principles and practices of surveying, building layout, and project control.

224 SOILS AND FOUNDATIONS 3 F,S

TEC 120, 121 req. Maj/min only or cons dept advisor req. Lecture and lab. Formerly CONCRETE STRUCTURES AND FOUNDATIONS.

Principles and practices used in concrete and masonry structures and the affect of soil characteristics on foundation design and construction.

225 CONSTRUCTION EQUIPMENT MANAGEMENT 3 S

TEC 120 req; TEC 121 req or conc reg req. Maj/min only or cons dept advisor req. Lecture.

Equipment productivity, selection, allocation, economics, and safety related to residential and commercial construction.

226 CONSTRUCTION CONTRACTS AND LAW 2 S

TEC 120 req. Maj/min only or cons dept advisor req. Lecture.

Duties, rights, and liabilities of all parties to a construction contract.

229 COST ESTIMATING AND PROJECT PLANNING 3 F,S

TEC 116 and 123 req. MAT 120 req. Maj/min only or cons dept advisor req. Lecture and lab.

Integrated approach to the fundamentals of construction cost estimating, project planning, and scheduling.

233 CNC AND MACHINING 3 F

TEC 111, 130 req; TEC 216 or conc reg req. Lecture and lab. Formerly MACHINE TOOL TECHNOLOGY and METALS MACHINING PROCESSES. Materials charge optional.

An introduction to metals machining processes with an emphasis on automation using Computer Numerical Control (CNC).

234 ROBOTIC SYSTEMS INTEGRATION 3 S

TEC 116; TEC 111 or 143 req. Lecture and lab. Materials charge optional. Formerly COMPUTER CONTROLLED EQUIPMENT IN MANUFACTURING

An introduction to robotics including common applications, programming, safety, and integration principles.

240 ELECTRIC CIRCUITS AND MACHINES 3 F,S

TEC 111 or TEC 143 or conc reg req. Lecture and lab. Formerly AC/DC CIRCUIT ANALYSIS. Materials charge optional.

Electrical principles and applications including circuit diagrams, switches, relays, motors, and transformers.

243 COMPUTER NETWORKING SYSTEMS 3 F,S

ITK 155.01 or 155.02 or 160 or BTE 225 req. Maj/min only or cons dept advisor req. Lecture and lab. Materials charge optional.

Implementation of the principles of local area network architecture, including server and client hardware specifications and configurations.

244 DIGITAL ELECTRONICS 3 F,S

Demonstrated equiv competencies req. Lecture and lab. Materials charge optional.

Operation, characteristics, and applications of discrete and integrated solid state devices in selected digital circuits.

245 FUNDAMENTALS OF OPERATING SYSTEMS IN INDUSTRIAL APPLICATIONS 3 F,S

TEC 151 or conc reg req. Maj/min only or cons dept advisor req. Lecture and lab. Materials charge optional.

The introduction of operating systems software to enhance productivity, control, and connectivity, using open source code and proprietary systems.

250 GRAPHIC MEDIA COMPOSITION 3 F,S

TEC 150 or COM 240 req. Lecture and lab. Formerly ELECTRONIC IMAGING TECHNOLOGIES. Materials charge optional.

Study of graphic media production technology to plan and create documents including advertisements, brochures, books, packages, and e-books.

253 IMAGE CAPTURE AND EDITING 3 F

TEC 150 req. Maj/min only or cons dept advisor req. Lecture and lab. Formerly PHOTOMECHANICAL AND DIGITAL IMAGING SYSTEMS. Materials charge optional.

Digital photography, scanning, image editing software tools, PostScript output, halftones, tone reproduction, densitometry, and reproduction concerns.

257 PRINT MEDIA PRODUCTION 3 S

TEC 150 req. Maj/min only or cons dept advisor req. Lecture and lab. Formerly IMAGE TRANSFER TECHNOLOGIES. Materials charge optional.

A study of printing production processes including lithography, flexography, screen printing, and digital printing production.

263 AUTOMATED FLUID POWER SYSTEMS 3 F,S
TEC 111 or 143 req. Lecture and lab. Formerly FLUID POWER MECHANICS. Materials charge optional.
Theory and operation of fluid power circuits and intermediate level PLC (Programmable Logic Controller) programming.

270 MANAGING TECHNOLOGICAL SYSTEMS 3 F,S,Summer
PSY/SOC 131 or conc reg req. Maj/min only or cons dept advisor req. Completion of 45 hrs req. Lecture. Formerly TEC 311 MANAGING INDUSTRIAL OPERATIONS.
Principles, practices and methods used to plan, organize, lead, and control technological systems.

275 TECHNOLOGY AND QUALITY OF LIFE OC-SMT 3 F,S
Inner Core req. MC-QR or MC-IS category req. Lecture.
Future-oriented course that analyzes the interface of technology with social forces that cause social change and affect quality of life; includes technological assessment.

283 INFORMATION AND IMAGING TECHNOLOGIES 3 F,S
C or better in TEC 151 req. Maj/min only or cons dept advisor req. Lecture and lab.
Principles of information and imaging systems including databases, web design, and digital imaging.

284 TECHNICAL COMPUTER APPLICATIONS 3 F,S
ITK 168 req, and TEC 283 or conc reg req. Maj/min only or cons dept advisor req. Lecture and lab. Materials charge optional.
Application of computer hardware and software solutions to industrial production and control problems.

285 INDUSTRIAL PLASTICS 3 F,S
TEC 130 or conc reg req. Lecture and lab. Materials charge optional.
Resins, processing, fabrication, injection molding, extrusion, rotational molding, compression molding, thermoforming, fiberglass lay-up, identification and testing.

292 MATERIALS TECHNOLOGY 3 F,S
MAT 120 or conc reg req. Maj/min only or cons dept advisor req. Lecture and lab. Materials charge optional.
Introduction to engineering materials, strengths of materials, and standardized testing procedures for determining mechanical and physical properties.

301 ADVANCED METHODS OF TEACHING TECHNOLOGY EDUCATION 3 F,Summer
Tech Ed major, grad student, alt certification, or provisionally certified teachers only. Not for cr maj/min if had TEC 101. Lecture.
Conceptual foundations and methodologies for teaching a standards-based technology education program at the elementary, middle-level, or secondary school.

302 TEACHING TECHNOLOGICAL DESIGN AND PROBLEM SOLVING 3 F,Summer
Education major, graduate student, or practicing teachers only. Lecture. Materials charge optional.
Foundation and methodology concepts used to deliver technology-based design and problem solving in the elementary, middle-level, and secondary classroom/laboratory.

303 ENGINEERING DESIGN 3 F,S
TEC 216 req. MAT 108 and PHY 105 or conc reg req. Lecture and lab. Materials charge optional.
Foundational concepts of engineering design including history, technology, tools, computer applications, pedagogical, and professional issues.

306 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS 3 S
Also offered as BTE/FCS 382. Incl Clin Exp.
Coordination techniques needed for high school and post-secondary teacher-coordinators in integrating classroom activities with daily employment.

313 QUALITY SYSTEMS FOR TECHNOLOGY 3 F,S,Summer
MQM 100 req; MAT 120 req; 8 hrs in a TEC seq req. Maj/min only or cons dept advisor req. Lecture. Formerly STATISTICAL QUALITY CONTROL.
A managed quality system using statistical tools; control charts, paretos, histograms, scattergrams, flowcharts and problem-solving techniques for continuous improvement.

315 COMPUTER-AIDED DESIGN FOR MANUFACTURABILITY 3 S
TEC 130 and 216 req. Lecture and lab.
Design decisions and product manufacturability interaction, concurrent engineering tools, database development, applications in electromechanical design, FMS, etc.

317 COMPUTER-AIDED RENDERING AND ANIMATION 3 F,S
TEC 211 or 216 or cons inst req. Lecture and lab.
Using computer systems to create renderings and animated presentations of design ideas in an industrial or architectural setting.

318 PRODUCT MODELING AND ANALYSIS 3 F
TEC 216 req. Lecture and lab.
Surface and solid modeling of parts and assemblies; parametric/associative design; mass properties analysis; interfacing to manufacturing and analysis programs.

319 COMPUTER GRAPHICS 3 F,S
C or better in TEC 283 req. Maj/min only or cons dept advisor req. Lecture and lab.
Combination of graphic techniques and computer programming as means of industrial communication applied to solution and interpretation of technological problems.

320 PROJECT MANAGEMENT 3 S
TEC 270 and completion of 60 hrs req. Lecture.
Fundamentals of project management emphasizing planning techniques to meet stakeholder expectations regarding project scope, time, cost, and quality.

322 BUILDING CODES AND INSPECTION 2 S
TEC 120 or 211 req. Maj/min only or cons dept advisor req. Jr standing req. Lecture.
Analysis of model building codes and their application and administration for minimum standards of public safety and welfare.

325 COMPUTERIZED ESTIMATING AND SCHEDULING 3 F,S

TEC 222, 224, and 229 req. Maj/min only or cons dept advisor req. Lecture and lab. Formerly CONSTRUCTION SCHEDULING AND FINANCE.

Integrated approach to computerized estimating and scheduling as methods of project control.

326 CONSTRUCTION FINANCE AND ACCOUNTING 3 F

ECO 105; and MAT 120 req. Maj/min only or cons dept advisor req. Lecture and lab.

Practical application of financial and accounting fundamentals specific to the construction industry.

327 DESIGN OF BUILDING STRUCTURES 3 S

TEC 292; MAT 120; and PHY 105 req. Maj/min only or cons dept advisor req. Lecture and lab.

Analysis and design of permanent and temporary structural systems for wood, steel, and concrete construction.

328 RESIDENTIAL DEVELOPMENT 3 F

ECO 105; TEC 229 and Jr standing req. Maj/min only or cons dept advisor req. Lecture.

Principles and practices of residential development including land acquisition and improvement, regulations, construction, and sales.

330 APPLIED ECONOMIC ANALYSIS FOR TECHNOLOGISTS 3 F,S

MAT 120 and six cr hrs of 200-level TEC coursework. Maj/min only or cons dept advisor req. Lecture and lab.

Applied economic techniques used to determine the relative worth of alternative systems, products, and services.

345 PROCESS CONTROL NETWORKS 3 S

TEC 240 and 263 or demonstrated equiv competencies req. Lecture and lab. Formerly INDUSTRIAL PROCESSOR CONTROL. Materials charge optional.

Programmable Logic Controller (PLC) programming within process control networks connecting machines, devices, sensors, and computers.

348 SELECTED TOPICS IN INDUSTRIAL COMPUTER SYSTEMS 3 F,S

TEC 245 and compl of 75 hrs or cons inst req. Maj/min only or cons dept advisor req. May repeat if content differs. Lecture and lab. Materials charge optional.

Study of advanced topics in computer technology, with laboratory experiences that apply current knowledge and skills.

349 TECHNICAL WRITING II 3 F,S

ENG 249 or grad standing req. Also offered as ENG 349. Materials charge optional.

Instruction and practice in editing, proposals, and analytical writing; attention given to style manuals, research writing, and (as needed) publication.

350 FLEXOGRAPHY 3 F

TEC 257 req. Lecture, lab and field trips. Formerly THE FLEXOGRAPHIC PRINTING INDUSTRY. Materials charge optional.

Study of technology and management practices used in flexographic printing businesses.

351 ADVANCED IMAGE TRANSFER SYSTEMS 3 F

TEC 257 req. Lecture, lab, and field trips. Formerly IMAGE CARRIERS AND IMAGE TRANSFER. Materials charge optional.

Advanced study of the printing processes, materials, and converting processes used in the production of high volume print products.

352 ADVANCED PRE-PRESS TECHNOLOGY 3 S

TEC 250 req. Lecture, labs and field trips. Formerly CHARACTER GENERATION and formerly ADVANCED PREPRESS TECHNIQUES. Materials charge optional.

Utilization of advanced pre-press methods and technologies in the creation and management of print media.

353 COLOR MANAGEMENT 3 S

TEC 253 req. Lecture, labs and field trips. Formerly COLOR SEPARATION and formerly COLOR REPRODUCTION TECHNIQUES. Materials charge optional.

Study of color theory and measurement, device calibration and profiling, color reproduction variables, color proofing, and color management workflow.

354 PRINT PRODUCTION PLANNING AND PROFITABILITY 3 F

TEC 351 req. Lecture. Formerly MANAGING PRINTING AND IMAGING TECHNOLOGIES.

Printing production workflow analysis, cost estimating, scheduling, job costing, and profitability. Use of computer-assisted management software.

356 GRAPHIC COMMUNICATIONS BUSINESS PRACTICES 3 S

TEC 354 req. Lecture. Formerly MANAGING PRODUCTION IN PRINTING/IMAGING TECHNOLOGIES.

Current management trends in the profession, with specific emphasis on production management and legal issues for graphic communications businesses.

358 DIGITAL MEDIA MANAGEMENT 3 F

TEC 250 req. Lecture and lab. Field trips. Materials charge optional.

Study of web publishing, digital asset management, variable data printing, and networking issues for graphic communications businesses.

370 SUPPLY CHAIN LOGISTICS 3 F

TEC 270 or conc reg req. Maj/min only or cons dept advisor req. Compl 60 hrs or graduate standing req. Lecture.

Supply chain networks for technology-based companies. Activities associated with transforming goods from raw materials through delivery to end user.

383 TELECOMMUNICATIONS TECHNOLOGY 3 F,S

TEC 243 or ITK 254 req. Maj/min only or cons dept advisor req. Lecture and lab. Materials charge optional.

Interfacing computers locally and through telecommunications networks. Identification of existing standards and hardware and evaluation of specific needs.

384 PLASTICS MOLDING PROCESSES 3 F

TEC 285 req. Lecture and lab. Materials charge optional.

Advanced theory and practice related to plastics injection molding and extrusion: process control, molds and dies, and auxiliary equipment.

390 INDUSTRIAL COMPUTER APPLICATIONS 3 F,S

TEC 270 and PHY 105 req; 9 senior hrs of technical courses in Industrial Computer Systems Seq req. Maj/min only or cons dept advisor req. Lecture and lab. Materials charge optional.

Development of managers and supervisors with technical and professional background in communications, networking, and interfacing, related to computer systems.

392 MANUFACTURING ORGANIZATION AND MANAGEMENT 3 F,S

TEC 270 and 9 senior hrs of technical coursework in the Integrated Manufacturing Systems Seq and senior standing or cons inst req. Maj/min only or cons dept advisor req. Lecture and lab. Formerly INDUSTRIAL PRODUCTION. Materials charge optional

The study of industrial production systems including product, manufacturing, and plant engineering through the managing of a production project.

394 CONSTRUCTION MANAGEMENT AND ADMINISTRATION 3 F,S

TEC 226, 229, and 500 hrs documented construction experience req. Maj/min only or cons dept advisor req. Lecture and lab.

Principles, practices, and standard documentation utilized in construction project management and administration.

398 PROFESSIONAL PRACTICE: DEPARTMENT OF TECHNOLOGY 1-8 F,S,Summer

Major only. Overall and major GPA of 2.50 and cons of Dept Prof Pract Coord req. No more than 3 hrs may apply toward maj. May be repeated: max 16 hrs applicable for graduation. Evidence of health insurance req. Please see student manual for additional information and application procedures. CR/NC only.

Planned and supervised management-oriented work-study experiences in businesses, industries, and governmental agencies. Forty hours of work per credit hour. Internship and Coop options listed separately below.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP IN TECHNOLOGY 1-8 F,S,Summer

TEC 100-level req courses and three hrs of 200-level courses in a TEC sequence, TEC 270; HSC 271 or HSC 272 req. Must have completed at least 45 hrs of college course work. CR/NC only.

Eight-week full-time/320 hrs part-time minimum work term duration.

398.52 PROFESSIONAL PRACTICE: COOP IN TECHNOLOGY 1-8 F,S,Summer

TEC 100-level req courses req. CR/NC only.

Eight-week full-time/320 hrs part-time minimum work term duration; 3 work terms minimum.

COLLEGE OF ARTS AND SCIENCES

Dean: Gary A. Olson, 141 Stevenson Hall.

Web address: www.lilt.ilstu.edu/cas/

The College of Arts and Sciences provides the opportunity for a liberal education in addition to the attainment of career-oriented skills. The College includes the Departments of Biological Sciences, Chemistry, Economics, English, Foreign Languages, Geography-Geology, History, Mathematics, Philosophy, Physics, Politics and Government, Psychology, Sociology-Anthropology, Speech Pathology and Audiology, and the Schools of Communication and Social Work, as well as the program in Women's Studies. The College offers the core of the General Education Program required of all undergraduates, a wide range of academic major and minor programs for meeting baccalaureate degree requirements, master's programs in most disciplines and doctoral programs in Biological Sciences, English Studies, Mathematics, and Psychology. Course offerings span the humanities, social and behavioral sciences, natural sciences, and mathematics.

Foreign Language Requirement:

All graduates of the College of Arts and Sciences must satisfy a foreign language requirement that may be met by: 3 years of one foreign language in high school or completion of the second semester or higher of college-level foreign language with a grade of C or better or equivalent proficiency as determined by examination. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

ENGLISH LANGUAGE INSTITUTE

Under the auspices of the College of Arts and Sciences, the English Language Institute (ELI) provides a special non-degree intensive program (20-hours per week) in English as a Second Language for international students who wish to increase their English proficiency for college-level work or for international students on exchange programs. After the first semester, qualifying students can enroll in one regular University class in addition to their ELI program. In general, students enroll at ELI as full-time students for a semester or more.

Although admission to ELI does not guarantee subsequent admission to a degree program at the University, ELI students who attain a satisfactory TOEFL score can be admitted to a degree program at the University, provided they also meet the other requirements for admission. Hence, international students who do not have the minimum TOEFL score for admission to a degree program are encouraged to attend ELI first to prepare for admission to such a program at the University.

For further information, contact English Language Institute, Campus Box 6123; Fax: (309) 438-3031; phone: (309) 438-2072; Web site: www.cas.ilstu.edu/English-LanguageInstitute; or email: eli@ilstu.edu.

ARTS AND SCIENCES PROGRAMS

The College of Arts and Sciences participates in the Major in Interdisciplinary Studies and the minors in African-American Studies; African Studies; Children's Studies; Cognitive Science; Environmental Studies; Ethnic and Cultural Studies; International Studies; Latin American, Caribbean, and Latino/a Studies; Middle Eastern and South Asian Studies; Peace and Conflict Resolution Studies; and Tourism Studies. For further information, please consult the section entitled "University-Wide Curriculum" in this *Undergraduate Catalog.*

Social Sciences Education Program

Degrees Offered: B.A., B.S.

The Social Sciences Education Program is housed in the Department of History in cooperation with the Departments of Economics; Geography-Geology; Politics and Government; and Sociology-Anthropology. For further information contact the Department of History.

MAJOR IN SOCIAL SCIENCES EDUCATION

Admission Requirements:

Admission to the Program in Social Sciences Education may be restricted by the lack of available Department resources in times of over-subscription.

- 60 hours in Social Sciences.
- At least one 3-hour course to be taken from each of the 7 Social Sciences designations of American History, Anthropology, Economics, Geography, Politics and Government, Sociology and World History.
- 21 Social Sciences hours at the 200-level or above (as part of the 60 hours).
- No more than 3 hours of Independent Study, or 6 hours of Professional Practice, to be counted toward major requirements.
- At least three 3-hour courses in American History (including HIS 135 and 136 and any 200-level American history course) and three 3-hour courses in World History (HIS 101, 102, and any 200-level non-Western history course).
- Three 3-hour courses, one of which must be 200-level or above, must be taken from the prescribed choices in 2 additional Social Sciences designations.
- At least one methods course: ECO 138, GEO 138, POL 138, or PSY 138.
- Social Sciences Seminar capstone course: ECO 300.01;

GEO 300.01; HIS 300.01; POL 300.01; or SOC/ANT 300.01.
- HIS 290 and 390.
- 24 hours in Professional Education (including student teaching).
- The Teacher Certification Sequence is part of the entitlement program leading to secondary certification.
- A 2.75 GPA in the major and overall is required for admission to Professional Studies and for admission to student teaching.

- **Prescribed Choices in Endorsement Areas:**
  - Anthropology: ANT 175, or 185; and any two upper-division courses.
  - Economics: Three of the following - ECO 103, 105, 202, 215, or 225.
  - Geography: GEO 135 or 140; 205; and 211.
  - Politics and Government: POL 101, 105 or 106; 140 or 254; and 221.
  - Sociology: SOC 106 or 108; and any two upper-division courses.

NOTE: Appropriate General Education courses may be counted in both the Social Sciences Education major and the General Education program. Since Social Sciences Education is an interdisciplinary program, there is no limit to the number of courses that can count in both the major and in General Education. Students should consult the University-Wide Teacher Education Requirements section of this catalog for other Teacher Certification requirements.

Women's Studies (WS) Program 426

Rachel Cooper 237, Campus Box 4260, (309) 438-2947
Web address: www.womenstudies.ilstu.edu

Director: Alison Bailey

MINOR IN WOMEN'S STUDIES

The Minor in Women's Studies enhances any undergraduate major by integrating a working knowledge of gender issues with the student's field(s) of study. Women's Studies employs gender as an analytical category, along with race, class, and ethnicity, to focus on women's contributions to society and the gender implications of cultural, political, and economic processes. By broadening a student's knowledge base, this interdisciplinary minor has theoretical and practical applications in scholarship, the workplace, and personal growth and relationships.

- 21 hours required.
- Required courses: WS 120; ENG 160; HIS 261 or HIS 262; PHI 246.
- 9 hours of additional courses from: ANT 270; CJS 339; COM 128 or ENG 128 or FOR 128; ENG 206 or FOR 206; ENG 260, 261, 360; FCS 112 or HIS 112 or SOC 112; FCS 233; HIS 261 or HIS 262 if not chosen to fulfill requirement, HIS 264, 330; PHI 202; POL 225, 337, 338; PSY 123 or SOC 123; PSY 305; SOC 264, 341, 366; WS 390, 391, 398.
- **NOTE:** This program must be planned in consultation with the Women's Studies Director or advisor. With approval of the Director or advisor, courses other than those listed above may be counted toward the minor.

BIOLOGICAL SCIENCES (BSC) 412

210 Julian Hall, (309) 438-3669
Web address: www.bio.ilstu.edu

Chairperson: H. Tak Cheung.
Tenured/Tenure-track Faculty:
Distinguished Professors: Anderson, Juliano, Sakaluk,Wilkinson.
Professors: Armstrong, Cheung, Garris, Jayaswal, Katz, Otsuka, Preston, Thompson, Whitman.
Associate Professors: Byers, Capparella, Cook, Edwards, Gatto, Loew, Moore, Nichols, Vogel, Williams.
Assistant Professors: Bowden, Perry, Rubin, Sedbrook.

General Department Information

Admission Requirements:

Students may be admitted into the major from a pool of qualified applicants on the basis of individual qualifications. Students are admitted into the major on a competitive and selective basis. New freshmen are required to have completed one year of high school biology and one year of high school chemistry. Four years of high school mathematics and one year of physics are highly recommended.

New and Internal Transfer Student Requirements:

A. Students transferring to Illinois State University with fewer than 29 hours completed are admitted the same as new freshmen.

B. Transfer students with 30 or more hours must have completed Fundamentals of Chemistry with Lab or General Chemistry I and one four-hour course in biology, as well as have a grade of C or better in Finite Mathematics or Calculus I.

C. Illinois State University students wishing to change their major to Biological Sciences who have completed 29 hours or less are admitted the same as new freshmen. Students with 30 or more hours must have completed Fundamentals of Chemistry with Lab or General Chemistry I and Molecular and Cellular Basis of Life (BSC 197) or equivalents, as well as have a grade of C or better in Finite Mathematics or Calculus I.

ASSOCIATED MINORS

The Department of Biological Sciences participates in two interdisciplinary minors at the University. Course work offered by the Department contributes to the following:

Minor in Cognitive Science and Minor in Environmental Studies. For further information on these minors and their advisors, consult the University-Wide Curriculum section in this *Undergraduate Catalog*.

HONORS IN BIOLOGICAL SCIENCES

In order to graduate with honors in Biological Sciences, a student must complete: (1) all regular requirements for the Biological Sciences Major; (2) 1 semester biochemistry; (3) Mathematics through 2 semesters of calculus; (4) 12 hours of Biological Sciences on a tutorial basis (i.e., in-course honors) with a grade of A or B in each; (5) 3 hours of BSC 299; (6) 1 hour BSC 303; and (7) have at the time of graduation a cumulative GPA of at least 3.30 and at least 3.50 in Biological Sciences courses.

Biological Sciences Programs

Degrees Offered: B.S.

MAJOR IN BIOLOGICAL SCIENCES

— 37 hours in Biological Sciences required.
— Required courses: BSC 196, 197, 201, 203, 219, 220, 297, and 304 or 293; CHE 220 or 230 and 231; PHY 105, 108 or 110; MAT 120 and MAT 121 or MAT 145 and MAT 146. ECO/GEO/POL/PSY 138 may be substituted for MAT 146.
— Electives must include two courses with laboratories. BSC 202, 307, and Biological Science courses below 195 may not be used in the major.
— A minimum of 12 hours in Biological Science courses must be completed at Illinois State University.

Organismal Biology and Public Outreach Sequence:

Majors selecting this sequence seek broad organismal expertise and experience in public outreach for science education. This sequence is designed for students seeking educational jobs and careers in arboreta, botanical gardens, environmental and nature centers, museums, and zoos. The minimum requirements for this sequence are:

— 39 total hours in Biological Sciences required.
— 23 hours core courses required: BSC 196, 197, 201, 203, 219, 220, 297, and 304.
— 14 hours minimum in organismal courses required, at least two of which must be laboratory courses (*): BSC 211*, 212*, 222*, 223*, 283*, 286*, 290, 292*, 295*, 296, 301*, 308*, 325, 330*, 334*, 335/336*, 337*, 378/379*, 395, 396*.
— Obtain a minimum of 120 hours of direct experience in public outreach (2 credit hours of Professional Practice, BSC 398).
— A laboratory course in organic chemistry (CHE 220 or 230 and 231), a laboratory course in general physics (PHY 105, 108, or 110), and Mathematics (MAT 120 and 121 or MAT 145 and 146). Either ECO 138, GEO 138, POL 138, or PSY 138 may substitute for MAT 146.

Teacher Certification Sequence:

Students pursuing a Biological Sciences major may be certified to teach high school science.

Before being admitted to the University Professional Studies program (see University-Wide Teacher Education program requirements in this *Undergraduate Catalog*), the Biological Sciences major must meet departmental requirements for admission. Students should see the departmental Teacher Education advisor for information.

Admission Requirements for Biological Sciences Teacher Education:

Students may be admitted into the major from a pool of qualified applicants on the basis of individual qualifications. Students are admitted into the major on a competitive and selective basis. New freshmen are required to have completed one year of high school biology, one year of high school chemistry, and two years of high school foreign language. Four years of high school mathematics and one year of high school physics are highly recommended.

New and Internal Transfer Requirements:

A. Students transferring to Illinois State University with fewer than 30 hours completed are admitted the same as new freshmen.
B. Transfer students with 30 or more hours must have completed General Chemistry I, Speech, Composition, and Molecular and Cellular Basis of Life (BSC 197), or equivalents. Students must have received grades of C or better in Finite Mathematics or Calculus I and must have a minimum 2.50 GPA.
C. Illinois State University students wishing to change their major to Biological Sciences Teacher Education must have completed CHE 140 and Molecular and Cellular Basis of Life (BSC 197), or equivalents. Students must have received a grade of C or better in MAT 119.

Consult the Teacher Education advisor for updated requirements.

— 40 hours in Biological Sciences required.
— Required courses: BSC 161, 196, 197, 201, 203, 219, 220, 231, 297, 302 and 307; CHE 140, 141 and either CHE 220 or CHE 230/231; GEO 102 or 202; PHY 105 or 108; MAT 120 or 145; ECO 138, GEO 138, POL 138 or PSY 138.
— 11 hours of electives are required, including two courses with laboratories; BSC 202 and Biological Science courses below 182 may not be used in the major.
— A minimum of 12 hours in Biological Science courses must be completed at Illinois State University.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings.

All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN BIOLOGICAL SCIENCES

Biological Sciences Sequence:

— 24 hours in Biological Sciences required.
— Required courses: BSC 196 and 197.
— At least 12 of the elective hours must be 200- or 300-level courses. BSC 100 and 307 may not be used as electives in the minor.

MINOR IN BIOLOGICAL SCIENCES

For Teacher Education:

— 24 hours in Biological Sciences required including at least 8 hours of Botany with lab and 8 hours of Zoology with lab.
— Required courses: BSC 196, 197 and 307 (2 or 3 hours, depending on major).
— Electives: at least 4 hours of botany with lab and 4 hours of zoology with lab. At least 8 hours must be 200- or 300-level courses.

NOTE: In order ot be certified to teach biological sciences in the State of Illinois, candidates must also take 8 hours of chemistry and/or physics.

Biochemistry/ Molecular Biology Program

Degrees Offered: B.S.

This Biochemistry/Molecular Biology Program (BMB) is cross-listed by the Departments of Chemistry and Biological Sciences.

HONORS IN BIOCHEMISTRY/MOLECULAR BIOLOGY

Students can receive BMB Honors with additional course work. Additional requirements include: (1) participation in the University Honors Program, (2) a cumulative grade point of 3.30, as well as a 3.50 average in Biochemistry/Molecular Biology, and (3) the courses: MAT 147, PHY 110 and 111, BSC/CHE 299**, 8 hours of foreign language and one of the following: a computer programming course, CHE/PHY 318, or CHE 380.37.

**Students intending to pursue Departmental Honors in BMB should contact the BMB Program Coordinator prior to enrolling in CHE 230. To receive BMB Honors, two semester hours credit in BSC/CHE 299 must be completed and result in a research paper written in a style acceptable for thesis research. The research paper must be defended in a program seminar.

MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY PROGRAM

— 34 hours required in Chemistry, 19 hours in Biological Sciences and 1 hour in Biochemistry/Molecular Biology Seminar.
— Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360, 361; BSC 196, 197, 203, 219, 220, 350; BSC/CHE 310.
— 1 year of calculus (MAT 145 and MAT 146) and 1 year of physics (PHY 108 and 109 or PHY110 and 111) must be completed prior to enrolling in CHE 360 or CHE 361.
— The following courses are in the General Education program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.
— The following general electives are highly recommended: 1 year of a foreign language, a course in computer programming, and a course in technical writing (ENG 249 Technical Writing).
— Optional electives, in consultation with the BMB Advisor, may be selected from the following: BSC 253, 260, 283, 305, 321, 326, 329, 353, 354, 361, 367, 368, 380; 389.28; CHE 290, 350, 351, 362, 363, and certain CHE 380-level courses with approval of the BMB advisor.
— American Chemical Society Certification can be obtained by completing the Chemistry major requirements. Additional requirements include CHE 350, 351, 362, 363.
— Molecular Biology Emphasis: recommended courses include BSC 260, 353, and 354.

Biochemistry/Molecular Biology Course

310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR 1 F,S
BSC 197, BSC 203 or 219; CHE 215, CHE 342 req. Also offered as CHE 310.
Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology.

Biological Sciences Courses

101 FUNDAMENTAL CONCEPTS IN BIOLOGY IC-NS 3 F,S, Summer
Not for cr maj/min. May not be taken under the CT/NC option. Lecture, recitation, and lab. Materials charge optional.
Learning and applying biological concepts in the areas of health, medicine, environment, and ethics.

145 HUMAN BIOLOGY OC-SMT 3 F,S, Summer
Inner Core req. Not for cr maj.
Study of human biology in context of science, technology, and culture, emphasizing technological advances in medicine, disease prevention, and public health.

160 MICROBIOLOGY AND SOCIETY OC-SMT 4 F,S, Summer
Inner Core req. Not for cr maj. Not for cr if had BSC 260. Lecture and lab. Materials charge optional.
Introduction to microorganisms, their diversity, and their impact on society as agents of disease, in the environment, and in useful applications.

161 INTRODUCTION TO TEACHING SCIENCE SEMINAR 2 F,S
Compl of one sem college science req. Teacher Ed maj only. Also offered as CHE 161.
Introduction to the nature of scientific inquiry, and research-based skills in science teaching and learning.

170 GENETICS AND SOCIETY OC-SMT 3 F,S,Summer
Inner Core req. Not for cr maj.
Overview of human heredity in context of biology, society, and culture; impact on treatment of diseases, reproductive technology, agriculture, aging/longevity, and forensics.

181 HUMAN PHYSIOLOGY AND ANATOMY I 4 F,S
Not for cr maj. Lecture and lab. Materials charge optional.
Fundamentals of anatomy and physiology for students in Special Education, Health Education, Nursing, and Psychology.

182 HUMAN PHYSIOLOGY AND ANATOMY II 3 F,S
BSC 181 req. Not for cr maj. Lecture only.

183 HUMAN PHYSIOLOGY AND ANATOMY II LABORATORY 1 F,S
BSC 181 req. Not for cr maj. No cr granted in BSC 183 until cr earned in BSC 182. Materials charge optional.
Laboratory exercises in anatomy and physiology to accompany topics in BSC 182 lecture.

196 BIOLOGICAL DIVERSITY IC-NSA 4 S
Lecture and lab. May not be taken under the CT/NC option. Materials charge optional.
Introduction to structure and function of the major groups of microorganisms, plants, and animals, emphasizing evolutionary relationships among the major groups.

197 MOLECULAR AND CELLULAR BASIS OF LIFE IC-NSA 4 F
Lecture and lab. May not be taken under the CT/NC option. Materials charge optional.
Introduction to molecules, processes, and cellular organization of living organisms.

201 ECOLOGY 4 F,S
BSC 196 and 197 req. Lecture, lab, and field trips. Materials charge optional. Formerly EVOLUTIONARY ECOLOGY.
Interactions between organisms and their environment at the individual, population, community, and ecosystem levels of organization.

202 HUMAN ECOLOGY OC-SMT 3 S
Inner Core req. MC-QR category req. Lecture. Formerly HUMANS AND THE BIOSPHERE. Not for cr maj.
Ecological principles underlying biosphere functions, human influence on the biosphere, application of ecological principles to solving and avoiding environmental problems.

203 CELL BIOLOGY 3 F,S
BSC 196, 197 req. CHE 110 and 112 or 141 req.
Structure and function of cells with emphasis on protein structure-function, cell morphology, and cellular signaling.

211 ECONOMIC BOTANY 4 F
BSC 196 or AGR 150, and BSC 197 req. Lecture and lab. Materials charge optional.
Diversity, origins, and history of plant uses, concentrating on economically important plants of the world.

212 PRINCIPLES OF BOTANY 4
BSC 196 and 197 req. Lecture, lab and field trips. Materials charge optional.
An integrative approach to understanding plants, including their physiology, structure, development, genetics, evolution and ecology.

219 GENETICS 3 F,S, Summer
BSC 196 and 197 req.
Mechanisms of heredity and genetic variation, including gene structure and function, transmission genetics, mutation, and genetic analysis.

220 LABORATORY IN MOLECULAR GENETICS AND CELL BIOLOGY 2 F,S
BSC 203 req. BSC 219 or HSC 260 or conc reg req. Lecture and lab. Materials charge optional.
Use of current molecular biology techniques to investigate fundamental principles of heredity and cell biology.

222 PLANT DIVERSITY 4
BSC 196 and 197 req. Lecture and lab.
History and diversity of plant form and reproduction; survey of fossil and extant members of the plant kingdom.

223 ECOLOGY AND IDENTIFICATION OF PLANTS 4
BSC 196 and 197 req. Lecture and lab.
Ecology, phylogeny, and taxonomy of vascular plants.

231 LABORATORY METHODS IN TEACHING SCIENCE 1 S
BSC or CHE 161 req. Teacher Ed Maj only. Formerly 189.13.
Introduction to laboratory-based teaching skills in science, intended to prepare students for inquiry-based high school teaching activities.

253 DEVELOPMENTAL BIOLOGY 4
BSC 203; CHE 220, or 230 and 231 req. Lecture and lab. Materials charge optional.
Embryogenesis and the cellular/biochemical mechanisms that control development.

260 MICROBIOLOGY 4 F,S
Organic chemistry or conc reg and BSC 196 and 197 req. Lecture and lab. Materials charge optional.
Uniqueness, diversity, ecology, molecular biology, and practical applications of microorganisms.

283 ANIMAL PHYSIOLOGY 4 S
BSC 196 and 197 req; BSC 203 req. Lecture and lab. Materials charge optional.
The physical and chemical basis of system physiology with reference to invertebrates and vertebrates.

286 ANIMAL BEHAVIOR 4
BSC 196 and 197 req. BSC 201 or conc reg req. Lecture, lab and field trips. Offered every third semester.
Adaptive significance of behavior and the proximate mechanisms underlying its expression. Emphasis is placed on an understanding of animal behavior within an evolutionary context.

290 RESEARCH IN BIOLOGICAL SCIENCES 1-3 F,S,Summer
Project proposals must be approved by a supervising faculty member and undergrad advisor prior to reg. Students are expected to work (on average) a min of 3 hr per week for each hr of cr. May be repeated; max of 4 hrs from BSC 287, 298.01, 290, 299, or 398 may be counted toward maj req.
Field and/or laboratory research in one of the biological sciences involving a participation in the scientific process with faculty and graduate students.

292 INVERTEBRATE ZOOLOGY 4 S
BSC 196 and 197 req. Lecture and lab. Materials charge optional.
Diversity, phylogeny, comparative anatomy and physiology of invertebrate animals.

293 INTRODUCTION TO UNDERGRADUATE RESEARCH 2 F,S
Completion of two of the following: BSC 201, 203,219; min. 3.00 GPA; and cons of Coordinator req.
Preparation for research in the biological sciences.

295 COMPARATIVE VERTEBRATE ANATOMY 4 S
BSC 196 and 197 req. Lecture, lab, and field trip. Materials charge optional.
Evolution and comparative anatomy of vertebrates.

296 MAMMALIAN BIOLOGY 3 F
BSC 196 and 197 req. BSC 201 or conc reg req. Lecture.
Introduction to origins, evolution, structure-function complexes, adaptive radiation, ecology, reproductive strategies, behavior and conservation biology of mammals.

297 BIOLOGICAL EVOLUTION 2 F,S
BSC 201, 203, 219 req. Not for cr if had BSC 390.
Origin of life, molecular evolution, mechanisms of evolutionary change, natural selection, speciation, and contemporary issues in evolutionary biology.

298.01 PROFESSIONAL PRACTICE: CAREERS FOR HEALTH PREPROFESSIONALS 1 F,Summer
Max 4 hrs from BSC 290, 298.01, 299, 305, and 398 may count toward maj req. Cons pre-med advisor req. CR/NC only.
Information and experience on careers in medicine, dentistry, osteopathy, podiatry, optometry, pharmacy, and veterinary medicine. Classroom and off-campus experience.

298.02 PROFESSIONAL PRACTICE: MENTORSHIP IN THE HEALTHCARE PROFESSIONS 1 F,S
Max 4 hrs from BSC 290, 298.01, 299, 290, and 398 may count toward maj req. BSC 298.01; BSC 203 and 219 with B or better; cons pre-med advisor req. CR/NC only.
Work in a mentorship environment with practicing professionals in specific areas of healthcare, including medicine, dentistry, optometry, and veterinary medicine.

301 ENTOMOLOGY 4 F
BSC 196, 197, and 201 req. Lecture, lab, and field trips. Materials charge optional.
Biology and taxonomy of insects.

302 STUDENT TEACHING SEMINAR 1 F,S
Conc reg STT 399.03 req. Formerly BSC 389.33.
Student teachers reflect on their teaching through on-line and web-based assignments as well as development of their professional portfolios.

303 SENIOR THESIS 1 F,S
BSC 201, 203, 219, 293, and min 3 credits of BSC 290 or 299; a min 3.00 GPA and cons of Undergrad Research Coord and faculty thesis advisor req.
Preparation of a thesis based upon original research in the biological sciences.

304 SENIOR SEMINAR IN BIOLOGY 1 F,S, Summer
2 of the following req: BSC 201, 203, or 219.
Oral and written reports on current topics in biology.

306 REGIONAL AND AREA STUDIES 1-9
Field work req. Cons inst req.
Intensive on-site studies of organisms and their environments.

307 METHODS IN THE TEACHING OF BIOLOGY 2-3 F,S
C&I 216 or equiv req. Incl Clin Exp: 40 hrs, Type 1-6. BSC Ed maj must register for 3 hrs; BSC Ed Minor, 2 or 3 hrs, depending upon maj. Adm to Professional Studies req.
Strategies, curricula, and materials applicable to teaching secondary school science including 40 hrs Clinical Experiences.

310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR 1 F,S
BSC 197, BSC 203 or 219; CHE 215, CHE 342 req. Also offered as CHE 310.
Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology.

321 MOLECULAR AND DEVELOPMENTAL GENETICS 4
BSC 203 and 219 req. Lecture and lab. Materials charge optional.
Organization of the genome; structure of chromatin and chromosomes; genetic regulation of development; molecular bases of DNA functions.

325 ECOLOGICAL PHYSIOLOGY OF ANIMALS 3 F
BSC 201 and 203 req. Formerly 389.34.
Exploration of the physiological adaptations animals have evolved in response to habitat variation.

329 HUMAN GENETICS 3 F
BSC 203 and 219 req.
Detection, expression, transmission, and molecular manipulation of human traits; emphasis on medical genetics.

330 PHYCOLOGY 4
BSC 201 or BSC 203 or BSC 219 req. Lecture and lab. Formerly 389.29.
Origin, evolution, diversity, systematics, cell biology, biochemistry, physiology, and ecology of terrestrial, freshwater, and marine algae.

334 INTRODUCTORY MYCOLOGY 4
BSC 201 req. Lecture and lab.
Morphology, taxonomy, and evolution of the fungi.

335 PLANT TAXONOMY 3
BSC 222 or 223 req; 1 of the following req: BSC 201, 203, 219.
Classification of flowering plants; taxonomic characters and data, patterns of diversity, and methods of classification; distinguishing characteristics and names of major taxa, botanical nomenclature, and taxonomic reference tools.

336 LABORATORY IN PLANT IDENTIFICATION 1
BSC 335 or conc reg req.
Plant identification; identification tools and methods; descriptive morphology and terminology; field identification of flowering plants and major plant families; specimen collection, documentation, and curation.

337 RESTORATION ECOLOGY 3
BSC 201, or equiv, or cons inst req. Lecture and lab.
Study of ecology, restoration, and management of native plant communities.

343 INTRODUCTION TO NEUROBIOLOGY 3 S
BSC 203 or cons inst req.
Cellular and molecular aspects of neuronal function; neurotransmitter families; central nervous system development, anatomy and function; and neuropathology.

345 INTRODUCTION TO ENDOCRINOLOGY 3 F
BSC 203 or cons inst req.
Cellular and molecular coordination of tissues which secrete chemical compounds to regulate growth, reproduction, metabolism, and ion homeostasis.

350 MOLECULAR BIOLOGY 3 S
BSC 203, 219; CHE 220, or 230 and 231 req. CHE 242 or 342 rec.
DNA structure and replication, the Genetic Code, transcription, translation, genetic regulation, RNA splicing, and transposons.

353 BIOTECHNOLOGY LABORATORY I: DNA TECHNIQUES 3 F
BSC 203, 219 and 260; CHE 220 or 230-232 req. CHE 242 or 342 rec. Lecture and lab. Material charge optional. Not for cr if had BSC 352.
Application and theory of molecular techniques using prokaryotic systems, including DNA and protein analysis, DNA cloning and bacterial genetics.

354 BIOTECHNOLOGY LABORATORY II: CELL BIOLOGY TECHNIQUES 3 S
BSC 203; CHE 220 or 230-232 req. CHE 242 or 342 rec. Lecture and lab. Materials charge optional. Not for cr if had BSC 352.
Applications and theory of cell biology to study eukaryotic systems using biochemistry, cell culture, and immunology techniques.

355 GENOMICS AND BIOINFORMATICS 3
BSC 203, 219 req.
Concepts and practice of genome sequencing and analysis, postgenomic applications and bioinformatics.

361 MICROBIAL PATHOGENS 4
BSC 203 and 260 req. Lecture and lab. Materials charge optional.
Pathogenesis, identification, cultivation, and classification of bacteria, viruses, fungi, and animal parasites associated with diseases of man.

367 IMMUNOLOGY 4
BSC 203 req. Lecture and lab. Materials charge optional.
Molecular, cellular, transplantation and tumor immunology; antimicrobial immunity; immunochemistry.

368 VIROLOGY 4
BSC 219 and 260 req. Lecture and lab. Materials charge optional.
Bacterial, avian, insect, plant, and mammalian viruses and their involvement in disease and cancer. Viral diagnostics.

375 STREAM ECOLOGY LECTURE 3 F
BSC 196, 197, 201, or cons inst and CHE 110 or equivalent. Not for cr if had BSC 389.30.
Introduction to the structure and function of stream ecosystems examining hydrology, geomorphology, chemistry, and ecology of stream ecosystems.

376 STREAM ECOLOGY LABORATORY 1 F
BSC 196, 197, 201 or cons inst and CHE 110 or equivalent req. BSC 375 or conc reg req. Not for cr if had BSC 389.30. Materials charge optional.
The integration of the geology, chemistry, zoology, and ecology of flowing waters and their conservation and restoration.

378 LIMNOLOGY 3
BSC 196, 197 and CHE 110 or 140 req. BSC 201 or conc reg req.
Limnology is the study of inland waters and integrates ecology and chemistry to create a basic understanding of lakes.

379 LIMNOLOGY LABORATORY 1
BSC 196, 197 and CHE 110 or 140 req. BSC 201 and 378 or conc reg req. Materials charge optional.
Limnology Laboratory is a hands-on study of inland water sampling and an integration of ecology and chemistry for understanding lakes.

383 PARASITOLOGY 4
BSC 203 and 260 req. Lecture and lab. Materials charge optional.
Host-parasite relationships, life histories, and morphology of arthropod, helminth, and protozoan parasites of animals.

396 AVIAN BIOLOGY 4
BSC 201 req. Lecture, lab, and field trips.
Origin, evolution, diversity, systematics, biogeography, morphology, physiology, ecology, behavior, and conservation biology of birds.

398 PROFESSIONAL PRACTICE: BIOLOGY 1-6 F,S,Summer
Jr standing in BSC with 2.50 GPA in all natural sciences req. May be repeated; max 16 hrs Prof Pract; no more than 4 hrs from BSC 290, 298.01, 299, 305 or 398 may be counted toward maj req. Cons dept Prof Pract advisor req. CR/NC only.
Practical experience through employment in agencies such as biological research facilities, zoological or botanical gardens, game reserves, or environmental service. One credit per 50-60 hours work experience.

CHEMISTRY (CHE) 416

214 Julian Hall, (309) 438-7661
Web address: www.che.ilstu.edu

Chairperson: Frank Shaw.
Tenured/Tenure-track Faculty:
Distinguished Professors: Lash, Stevenson.
Professors: Baur, Hansen, Jones, Rothenberger, Shaw, Webb.
Associate Professors: Ferrence, Hitchcock, Hunter, Nagorski, Quandt, Standard, Szczepura.
Assistant Professors: Cedeno, Friesen, Hamaker, McLauchlan, Peters, Turner, Weldon.

General Department Information

The Department of Chemistry is on the approved list of the American Chemical Society. Contact the department for specific certification requirements.

HONORS IN CHEMISTRY

Students majoring in Chemistry may be admitted to the Departmental Honors Program if they have (1) completed at least 30 hours of college-level courses, including at least 2 courses in Chemistry, (2) a cumulative GPA of 3.30, and (3) applied for admission to departmental honors to the Chemistry chairperson or honors advisor and received approval for admission into the program.

In order to graduate with honors in Chemistry, a student must complete (1) all regular requirements for the Chemistry Major including PHY 110 and 111, (2) 3 hours of CHE 299, (3) MAT 147, (4) a 200-level Physics, Mathematics or Biological Sciences course, (5) eight hours of foreign language, (6) a computer programming course (ITK 165, 168, CHE/PHY 318, CHE 380.37), (7) have at the time of graduation a cumulative GPA of at least 3.30 and at least 3.50 in Chemistry courses, and (8) fulfill the general requirements for participation in the University Honors Program.

Chemistry Programs

Degrees Offered: B.S.

MAJOR IN CHEMISTRY

— 39 hours required in Chemistry, including at least 31 hours in courses numbered 200 or higher.
— Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 350, 351, 360, 361, 362, 363.
— 1 year of physics, preferably PHY 110 and 111, and 1 year of calculus (through MAT 146) must be completed prior to enrolling in CHE 360.
— Chemistry electives: Selected from approved courses numbered 200 or higher. For the American Chemical Society Certified Degree the elective requirement is 6 hours in Chemistry courses numbered 290 or higher. These courses must include 2 hours in *laboratory* course work *(CHE 290, 301, 343, 398).* The department strongly recommends presentation of work performed in 290 or 398 at a professional meeting, Chemistry Department Symposium or Undergraduate Research Symposium. The following general electives are highly recommended: 1 year of a foreign language, a course in computer programming, a course in technical writing and other science courses.

— **NOTE:** Students interested in careers in biochemistry, molecular biology, biotechnology or medicine may elect to follow the Biochemistry/Molecular Biology Degree Program (listed below).

Teacher Certification Sequence:

— 39 hours required in Chemistry, including at least 31 hours in courses numbered 200 or higher, and CHE 301 as an additional laboratory course. A Teacher Education student must complete the option described as part of the entitlement program leading to certification: secondary 6-12.

MINOR IN CHEMISTRY

— 21 hours required in Chemistry, including at least 13 hours in courses numbered 200 or higher.
— Required courses: CHE 140, 141, and 215.

MINOR IN CHEMISTRY

For Teacher Education:

— 21 hours required in Chemistry, including at least 13 hours in courses numbered 200 or higher.
— Required courses: CHE 140, 141, 215, and 301 (2 hours).

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Biochemistry/ Molecular Biology Program

Degrees Offered: B.S.

The Biochemistry/Molecular Biology (BMB) Program is cross-listed by the Departments of Chemistry and Biological Sciences.

HONORS IN BIOCHEMISTRY/MOLECULAR BIOLOGY

Students can receive BMB Honors with additional course work. Additional requirements include: (1) participation in the University Honors Program, (2) a cumulative grade point of 3.30, as well as a 3.50 average in Biochemistry/Molecular Biology, and (3) the courses: MAT 147, PHY 110 and 111, CHE/BSC 299**, 8 hours of foreign language and one of the following: a computer programming course, CHE/PHY 318 or CHE 380.37.

**Students intending to pursue Departmental Honors in BMB should contact the BMB Program Coordinator prior to enrolling in CHE 230. To receive BMB Honors, two semester hours credit in CHE/BSC 299 must be completed and result in a research paper written in a style acceptable for thesis research. The research paper must be defended in a program seminar.

MAJOR IN BIOCHEMISTRY/MOLECULAR BIOLOGY PROGRAM

— 34 hours required in Chemistry, 19 hours in Biological Sciences and 1 hour in Biochemistry/Molecular Biology Seminar.
— Required courses: CHE 140, 141, 215, 230, 231, 232, 233, 315, 342, 343, 344, 360, 361; BSC 196, 197, 203, 219, 220, 350; BSC/CHE 310.
— 1 year of calculus (MAT 145 and MAT 146) and 1 year of physics (PHY 108 and 109 or PHY110 and 111) must be completed prior to enrolling in CHE 360 or CHE 361.
— The following courses are in the General Education program: BSC 196, 197; CHE 140; MAT 145; PHY 108, 110.
— The following general electives are highly recommended: 1 year of a foreign language, a course in computer programming, and a course in technical writing (ENG 249 Technical Writing).
— Optional electives, in consultation with the BMB advisor, may be selected from the following: BSC 253, 260, 283, 305, 321, 326, 329, 353, 354, 361, 367, 368, 380; 389.28; CHE 290, 350, 351, 362, 363, and certain CHE 380-level courses with approval of the BMB advisor.
— American Chemical Society Certification can be obtained by completing the Chemistry major requirements. Additional requirements include CHE 350, 351, 362, 363.
— Molecular Biology Emphasis; Recommended courses include BSC 260, 353 and 354.

Biochemistry/Molecular Biology Course

310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR 1 F,S
BSC 197, BSC 203 or 219; CHE 215, CHE 342 req. Also offered as BSC 310.
Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology.

Chemistry Courses

102 CHEMISTRY AND SOCIETY IC-NS 3 F,S
Lecture and lab. Open only to students with no college cr in chemistry. May not be taken under the CT/NC option. Materials charge optional.
Selected topics from chemistry and science in general, and illustration of relevance of chemistry and other sciences in today's world. Lectures, demonstrations, recitation, and lab.

110/112 FUNDAMENTALS OF CHEMISTRY AND LABORATORY IC-NSA 4/1 F,S
Not for cr if had CHE 141. CHE 110 or conc reg req for CHE 112. May not be taken under the CT/NC option. Materials charge optional for CHE 112.
Introductory survey of fundamental concepts, laws, and theories of chemical science and their application to common chemical systems.

140 GENERAL CHEMISTRY I IC-NSA 4 F,S
First half of a 2-sem sequence. Lecture and lab. Designed primarily for students with high school cr in chemistry. Algebra is req. May not be taken under the CT/NC option. Materials charge optional.
Introduction to stoichiometry, thermochemistry, atomic structure, molecular structure and bonding, chemical equilibrium and kinetics with applications to gases, solids, liquids, and solutions.

141 GENERAL CHEMISTRY II 4 F,S
CHE 140 req. Lecture and lab. Materials charge optional.
Continuation of CHE 140. Introduction to chemical equilibrium and kinetics with applications to gases, solids, liquids, and solutions; acid-base equilibria; electrochemistry; nuclear chemistry; and coordination compounds.

161 INTRODUCTION TO TEACHING SCIENCE SEMINAR 2 F,S
B or better in CHE 110, CHE 140 or equiv req. Teacher Ed maj only. Also offered as BSC 161.
Introduction to the nature of scientific inquiry, and research-based skills in science teaching and learning.

204 CHEMISTRY OF LIFE OC-SMT 3 F,S
Inner Core req. CHE 102 or 1 yr high school chemistry req. BSC 101 or equiv rec. Not for cr maj. Formerly CHE 104. Lectures, demonstrations and lab.
Application of chemical principles to the understanding of life processes and exploration of classes of molecules important in everyday life.

209 INTRODUCTION TO TEACHING HIGH SCHOOL SCIENCE 1 F
10 hrs of CHE req. Chemistry Teacher Ed maj only. Clin Exp: 25 hrs, Type 1-6. Not for cr if had CHE 301 or PHY 301.
A weekly seminar in which students exchange information and share reflections derived from clinical observations made in area high schools.

215 FUNDAMENTALS OF ANALYTICAL CHEMISTRY 2 F,S
CHE 141 req. Lecture and lab. Materials charge optional.
Theory and practice of selected modern analytical methods such as volumetric, potentiometric, optical, and chromatographic analysis.

220 ELEMENTARY ORGANIC CHEMISTRY 5 F,S
CHE 112 or 141 req. Not for cr if had CHE 230. For non-majors; rec for Agriculture, Family and Consumer Sciences, Health Sciences, Nursing, and others. Lecture and lab. Materials charge optional.
One-semester survey of organic chemistry. Fundamental principles of structure and mechanisms of organic reactions.

230 ORGANIC CHEMISTRY I 3 F,S
First half of a 2-sem seq. CHE 141 req. No cr will be granted in CHE 230 until cr is earned in CHE 231. Not for cr if had CHE 220.
Introduction to chemistry of aliphatic and aromatic organic compounds.

231 ORGANIC CHEMISTRY LABORATORY 1 F,S
CHE 141 req. Conc reg in CHE 230 req. First half of a 2-sem seq. No cr will be granted in CHE 231 until cr is earned in CHE 230. Materials charge optional.
Laboratory practice illustrating preparations and reactions typical of functional groups.

232 ORGANIC CHEMISTRY II 3 F,S
CHE 230 req.
Continuation of Chemistry 230, including synthetic and mechanistic features of organic reactions.

233 ORGANIC CHEMISTRY LABORATORY II 2 F,S
CHE 231 req; conc reg in CHE 232. Materials charge optional.
Laboratory practice in newer techniques and methods of organic chemistry.

242 BASIC BIOCHEMISTRY 3 F,S
1 sem of organic chemistry req. Not for cr if had CHE 342.
Introduction to the chemistry of carbohydrates, lipids, proteins, nucleic acids and enzymes. Brief treatment of vitamins and intermediary metabolism.

250 DESCRIPTIVE INORGANIC CHEMISTRY 2 F,S
CHE 220 or 230 req.
Survey of wide-ranging aspects of inorganic chemistry including household, industrial, bioinorganic, environmental, geological, and nuclear chemistry.

280 ENVIRONMENTAL CHEMISTRY 3 F
CHE 141 and any 200-level chemistry course req.
Aquatic, soil, and atmospheric chemistry and the attendant problems of water, soil, and air pollution. Causes of pollutants and methods of analyzing for them.

290 RESEARCH IN CHEMISTRY 1-2 F,S
17 hrs of Chemistry: only 3 hrs are applicable toward the maj. School form must be completed prior to reg. CR/NC only. May be repeated; max 6 hrs.

301 TEACHING OF CHEMISTRY 2-3 F
17 hrs of Chemistry. For teaching maj/min only. Chemistry Ed min should reg for 2 hrs. C or better in C&I 216 or PSY 215 or conc reg req. Incl Clin Exp: 35 hrs, Type 1-5. Adm to Professional Studies req.
Modern methods and curricula of high school chemistry.

302 STUDENT TEACHING AND PROFESSIONAL SEMINAR 4 S
CHE 301 and STT 399.73 conc reg req. Chemistry Teacher Ed maj only.
A weekly seminar in which students exchange information and share reflections during and after student teaching.

310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR 1 F,S
BSC 197, BSC 203 or 219; CHE 215, CHE 342 req. Also offered as BSC 310.
Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology.

315 INSTRUMENTAL ANALYSIS 3 F,S
CHE 215 req; CHE 362 or conc reg req. Lecture and lab. Materials charge optional.
Emphasis on modern instrumental methods of chemical analysis including electroanalytical, optical, and chromatographic methods.

318 METHODS OF COMPUTATIONAL SCIENCE 3 S
ITK 165; CHE 140; PHY 109 or 111; CHE 360 or PHY 220 and conc reg; or cons inst req. Also offered as PHY 318. Formerly CHE 288.
Introduction of a wide variety of computational techniques and their application to problems in chemistry and physics.

342 GENERAL BIOCHEMISTRY I 3 F,S
C or better in CHE 232 or 1 year of organic chemistry or cons inst req. Not for cr if had CHE 242.
Survey of the structure-function relationships of proteins, carbohydrates, lipids and nucleic acids, dynamic equilibria, energetics, reaction kinetics/mechanisms and metabolism.

343 BIOCHEMISTRY LABORATORY 2
CHE 242 or 342 or conc reg req. Lecture and lab. Materials charge optional.
Application of biochemical principles and methods discussed in Chemistry 342.

344 GENERAL BIOCHEMISTRY II 3 S
B or better in CHE 242 or C or better in CHE 342 req.
Survey of important aspects of intermediary metabolism, metabolic regulation, membrane transport and bioenergetics. Topics will include hormonal controls and immunochemical response.

350 INORGANIC CHEMISTRY 3 F,S
CHE 362 req.
Survey of modern inorganic chemistry including structure of inorganic compounds, coordination chemistry, nonaqueous solvents and selected inorganic reactions.

351 INORGANIC CHEMISTRY LABORATORY 1 F,S
CHE 350 or conc reg req. Materials charge optional.
Experiences in the modern techniques of synthesis and quantitative characterization of inorganic materials. Specific experiments and techniques may vary but will generally include spectroscopic, microscopic, electrochemical, conductivity, magnetic susceptibility, thermal and vacuum line techniques and experiments.

360 PHYSICAL CHEMISTRY I 3 F,S
CHE 141; CHE 215 or conc reg req. PHY 109 or 111; 8 hrs of CHE or PHY courses numbered 200 or higher; MAT 146 req.
First of a series in theoretical chemistry dealing with descriptions of gases, liquids, solutions, thermochemistry, thermodynamics, chemical and phase equilibrium, kinetic theory, and chemical kinetics.

361 PHYSICAL CHEMISTRY LABORATORY I 1 F,S
CHE 360 or conc reg req. Materials charge optional.
Laboratory applications of principles treated in physical chemistry.

362 PHYSICAL CHEMISTRY II 3 F,S
CHE 360 req.
Continuation of CHE 360, including ionic equilibrium, conductance, electromotive force, spectroscopy, molecular theory, and miscellaneous applications of quantum theory.

363 PHYSICAL CHEMISTRY LABORATORY II 1 F,S
CHE 361; 362 or conc reg req. Materials charge optional.
Laboratory studies related to principles of physical chemistry with emphasis on quantum mechanics and spectroscopy.

380 TOPICS IN CONTEMPORARY CHEMISTRY 1-3 F,S
CHE 232 req. Certain topics may also require CHE 360. May be repeated.
New concepts and recent developments in the fields of organic, chemical education, inorganic, analytical, physical, and biochemistry.

398 PROFESSIONAL PRACTICE: CHEMISTRY 1-16 F,S,Summer
CHE 232 and 233 or equiv req. Jr/sr standing. 2.50 GPA req. May be repeated; max 16 hrs; no more than 4 hrs/sem may be used to meet graduation req. CR/NC only. May be 2 to 5 periods of 1 term each.
Practical experience by employment in an industrial or governmental laboratory.

COMMUNICATION (COM) 448

434 Fell Hall, (309) 438-3671
Web address: www.communication.ilstu.edu
Email address: communication@ilstu.edu

Director: Larry W. Long.
Tenured/Tenure-track Faculty:
Professors: Comadena, Cupach, Kang, Long, Metts, Wolfe.
Associate Professors: Baldwin, Blaney, Cutbirth, Glascock, Hunt, Kazoleas, Moffitt, O'Sullivan, Perry, C. Simonds.
Assistant Professors: Chidester, Courtright, Jerome, Lee, Limon, Lippert, McHale, B. Simonds, Zompetti.

General School Information

MINOR IN COGNITIVE SCIENCE

The School of Communication participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult a department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog.*

HONORS IN COMMUNICATION

The School of Communication offers students an opportunity to demonstrate outstanding achievement in the study of communication by means of participation in the Departmental Honors Program. The School also offers in-course honors work in all its courses at the discretion of the instructor for students enrolled in the Honors Program. Qualified students are encouraged to inquire about admission by contacting the School Honors advisor.

Communication Studies Programs

Degrees Offered: B.A., B.S.

MAJOR IN COMMUNICATION STUDIES

— 39 hours required.
— Required courses: COM 111, 123, 223, 297, 329, and 1 selected from: COM 201, 303, 331, or 372.
— A minimum of 30 senior hours with at least 9 hours at the 300-level (excluding 398).
— Communication Studies majors must complete a minor or second major in a department/school other than Communication.
— A maximum of 9 hours can be counted concurrently toward the Communication Studies Major and other majors or minors within the School of Communication.
— 21 hours of electives selected from the following guidelines: A minimum of 6 hours selected from Group 1 courses (COM 125, 201, 202, 226, 302, 303, 304, 321, 324, 371). A minimum of 6 hours selected from Group 2 courses (COM 225, 228, 323, 325, 331, 370, 372). Electives also available from Group 3 courses (COM 198.02, 218, 240, 296, 299, 363, 369, 398).
— Students may include a maximum of 6 total hours of Professional Practice (COM 198, 398) and independent research (COM 296, 299) toward completion of the major.

Communication Studies Education Sequence:

— 40 hours required. Part of entitlement program leading to certification: secondary English Language Arts 9-12.
— Required courses (28 hours): COM 110, 123, 125, 198.02, 202, 223, 281, 297, 324, 381.
— Elective courses (12 hours) chosen from 2 of the following groups:
Group A (Small Group/Interpersonal): 6 hours from: COM 225, 323, 325, 329, 331, 370, 372.
Group B (Social Communication): 6 hours from: COM 201, 303, 304, 371.
Group C (Rhetorical Criticism): 6 hours from: COM 226, 302, 321.
Group D (Education): 6 hours from: COM 296, 392, 398.
Group E: 6 hours from: COM 160, 218, 360; PAS 211; THE 101, 341 (not for credit Theatre maj/min).
— Clinical Experiences are included in COM 198.02, 202, 223, 281, 398. Additional opportunities are available through other departmental programs.
— Students enrolled in this program are required by the State to complete the requirements for teaching English. Students are recommended to consult an advisor early in their program to determine the requirements for various teaching fields.
— **NOTE:** Admission to Professional Studies programs requires a 2.50 GPA.

MINOR IN COMMUNICATION STUDIES

— 21 hours required.
— Required course: COM 110.
— A minimum of 6 hours must be at the 300-level (excluding 398).
— 18 hours of electives selected from: COM 123, 125, 198.02, 201, 202, 218, 223, 225, 226, 227, 228, 297, 302, 303, 304, 321, 323, 324, 325, 329, 331, 370, 371, 372.

MINOR IN COMMUNICATION STUDIES

For Teacher Education:

— 25 hours required.
— Required courses (22 hours): COM 110, 123, 125, 198.02, 223, 281, 297, 324.
— Electives (3 hours) selected from: COM 160, 201, 202, 218, 225, 226, 296, 302, 303, 304, 321 323, 325, 329, 331, 360, 370, 372; PAS 211; THE 101, 341.
— Students minoring in Communication Studies or Journalism for Teacher Education are advised that if they have a major other than English, they must have 6 hours in rhetoric and composition to meet state teaching standards.
— **NOTE:** Admission to Professional Studies programs requires a 2.50 GPA.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises

7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Instructional Media Program

MINOR IN INSTRUCTIONAL MEDIA

— 24 hours required.
— Required courses: COM 240, 241, 365, 366; 12 hours selected from: ART 101, 103, 104, 109, 226; COM 160, 162, 163, 362; TEC 210, 250, 251, 253.

Journalism Program

Degrees Offered: B.A., B.S.

MAJOR IN JOURNALISM

Students majoring in journalism select one of three sequences in addition to a core of basic courses. Core courses give students grounding in theory, research and legal and ethical issues confronting practitioners in mass media.

— 39 hours required.
— Required courses: COM 111, 160, 161, 260 or 360, 297, 361, 367.
— A minimum of 24 senior hours including at least 12 hours at the 300-level (excluding 398).
— Journalism majors must complete a minor or second major in a department/school other than Communication.
— Sequences: Journalism majors must complete 18 hours in one of the following sequences:

Broadcast Journalism Sequence:

The Broadcast Journalism Sequence offers courses in television reporting, management and announcing.

— Required courses: COM 167, 257, 267, 271 or 364; plus
— Six hours of communication electives.

News Editorial Sequence:

The News Editorial Sequence offers courses in news reporting, editing and advanced news writing.

— Required courses: COM 165, 166, 265, 385; plus
— Six hours of communication electives.

Visual Communication Sequence:

The Visual Communication Sequence offers courses in photography, graphics, design and production for print and online media.

— Required courses: COM 165 or 167, 240, 241, 269 or 365, 366; plus
— Three hours of communication electives.

MINOR IN JOURNALISM

For Teacher Education:

— 24 hours required.
— Required courses: COM 160, 165, 166, 265, 266, 269, 385.
— Electives: COM 260, 268; TEC 250.

Mass Communication Programs

Degrees Offered: B.A., B.S.

MAJOR IN MASS COMMUNICATION

— 39 hours required.
— Required courses: COM 111, 160, 161, 297, 260 or 360, 361, 367.
— A minimum of 24 senior hours including at least 12 hours at the 300-level (excluding 398).
— Mass Communication majors must complete a minor or second major in a department/school other than Communication.
— A maximum of 9 hours can be counted concurrently toward the Mass Communication major and other majors or minors within the School of Communication.
— Mass Communication majors must choose and complete a sequence in either Radio, Television, or Interactive Media. The sequences are listed below.

Radio Sequence:

— Required courses: COM 162, 262, 264 or 271, and 364; plus
— Six hours of communication electives.
— Students may include a maximum of 6 hours of Professional Practice 398 toward their sequence electives.
— Additional electives: COM 228, 263, 266, 267, 268, 304, 324, 355, 363, 370, 371, 398.

Television Sequence:

— Required courses: COM 163, 263, 264 or 271, 364, plus;
— Six hours of communication electives.
— Students may include a maximum of 6 hours of Professional Practice 398 toward their sequence electives
— Additional electives: COM 228, 263, 266, 267, 268, 304, 324, 355, 363, 370, 371, 398.

Interactive Media Sequence:

— Required courses: COM 218, 240, 241, 318 or 362, and 366; plus
— Three hours of communication electives.
— Students may include a maximum of 6 hours of Professional Practice 398 toward their sequence electives
— Additional electives: COM 228, 263, 266, 267, 268, 304, 324, 355, 363, 370, 371, 398.

MINOR IN MASS COMMUNICATION

— 18 hours required.
— Required courses: COM 160 and 161.
— 12 hours of electives selected in consultation with an academic advisor from: COM 110, 162, 163, 165, 166, 167, 218, 260, 263, 264, 265, 266, 267, 268, 269, 270, 287, 296, 297, 360, 361, 362, 363, 364, 367, 369, 385, 398.

Public Relations Programs

Degrees Offered: B.A., B.S.

MAJOR IN PUBLIC RELATIONS

— 39 hours required.
— Required courses: COM 111, 161, 178, 268, 297, 321, 378.
— A minimum of 30 senior hours with at least 15 hours at the 300-level (excluding 398).
— Public Relations majors must complete a minor or second major in a department/school other than Communication.
— A maximum of 9 hours can be counted concurrently toward the Public Relations major and other majors or minors within the School of Communication.
— 18 hours of electives, to be chosen in consultation with a department advisor. Students are encouraged, but not required, to choose electives from a concentration that reflects their career options.
— Students may include a maximum of 3 hours of Professional Practice 298 and a maximum of 3 hours of 398 toward their major electives.
— Concentrations: Public Relations majors must choose six additional public relations courses as electives in order to complete their major plan of study. Students may choose these from groups of courses called concentrations. The elective concentrations represent various public relations career options such as graphics and technology, corporate public relations, public relations management, media relations, and international public relations. Students may pursue one or more concentrations or choose from additional public relations electives to complete their plan of study. Recommended courses for each concentration are listed below. Students may complete a concentration by choosing six of the ten listed courses.

  Choose a minimum of six courses from the following (**NOTE**: Three of the courses must be 300-level excluding 398):

  Graphics and Technology: COM 218, 240, 241, 266, 269, 270, 318, 362, 365, 366.
  Corporate Public Relations: COM 223, 228, 265, 269, 298, 325, 329, 358, 367.
  Public Relations Management: COM 218, 228, 275, 298, 318, 329, 340, 350, 358.
  Media Relations: COM 218, 228, 265, 275, 298, 350, 358, 360, 361, 385.
  International Public Relations: COM 260, 298, 302, 324, 329, 350, 355, 358, 369, 372.
— Additional electives: COM 202, 303, 304, 331, 371, 398.
— Some of the elective courses may require additional prerequisites.
— Students electing a concentration in International Public Relations should demonstrate proficiency equivalency in one foreign language through the Foreign Language 116 level.

MINOR IN PUBLIC RELATIONS

— 24 hours required.
— Required courses: COM 161, 178, 268, 297, 378.
— A maximum of 9 hours counted toward the Public Relations minor may be applied toward a major or minor within the School
— 9 hours of Communication electives selected from the following areas (* means highly recommended):
  Graphics and Photography: 240*, 241*, 266, 365, and 366.
  Mass Communication and Production: 163*, 166*, 218, 269, 362, 364*, 367, and 385*.
  Organizational and Professional Communication: 202*, 227 (not recommended for declared Communication Studies majors), 228, 321*, 324*, 325, and 329*.

Communication Courses

100 INTRODUCTION TO THE STUDY OF COMMUNICATION 1 F,S
COM maj only.
This course acquaints students with the different areas of study in the communication disciplines and career options available to them.

110 COMMUNICATION AND CRITICAL INQUIRY IC 3 F,S,Summer
May not be taken under the CT/NC option. Formerly LANGUAGE AND COMMUNICATION.
Development of communication competence, critical thinking, information literacy, and ethical practices in public speaking, small group and interpersonal contexts.

111 INTRODUCTION TO COMMUNICATION THEORIES 3 F,S
COM maj only.
Introduces the student to numerous basic communication theories; outlines requirements, expectations, and career opportunities for all communication majors.

123 INTERPERSONAL COMMUNICATION 3 F,S
An introduction to 2-person interaction in a variety of contexts.

128 GENDER IN THE HUMANITIES MC-LH 3 F,S
ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as ENG/FOR 128.
Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

160 INTRODUCTION TO MASS COMMUNICATION 3 F,S

Mass media development and function in modern society: technological basis, economic and political foundations, social implications.

161 MEDIA WRITING AND PRESENTATION 3 F,S

COM 160 or 178 req.

Introduction to the variety of mass communication media students may encounter in their careers. Preparation and presentation of various mass communication formats.

162 RADIO PRODUCTION 3 F,S

COM 160 req; 2 hrs lecture, 2 hrs lab. Materials charge optional.

Skills in utilizing equipment and procedures necessary to produce programs for radio. Script writing and directing included.

163 TELEVISION PRODUCTION 3 F,S

COM 160 req; 2 hrs lecture, 2 hrs lab. Materials charge optional.

Development of skills necessary in producing a television program. Function of television equipment and facilities. Evaluation of current production techniques. Producing and directing included.

165 REPORTING I 3 F,S

COM 160 or 178 and typing ability req. Materials charge optional.

Intensive training in the fundamentals of newsgathering and newswriting.

166 COPY EDITING 3 F,S

COM 160 and 165 req. Materials charge optional.

Advanced training in rewriting and editing stories, headlines, writing, page layouts, and work on a campus publication.

167 BROADCAST NEWS I 3 F,S

COM 160 req. Materials charge optional.

Intensive training in the fundamentals of newsgathering and writing for the electronic media.

178 INTRODUCTION TO PUBLIC RELATIONS 3 F,S

COM 111 and ENG 101 rec.

Examines functions of public relations in society and surveys concepts, theories, ethics, and principles of effective public relations.

198.02 PROFESSIONAL PRACTICE: FORENSICS 1 F,S

May be repeated; max 4 hrs. Incl Clin Exp: 15 hrs, Type 1-4.

Training and participation in speech activities.

201 COMMUNICATION AND SOCIAL ISSUES I 3 F,S

COM 111 req.

Criticism of communicative discourse concerning reform movements, religious controversy, socialism, and other topics.

202 PERSUASIVE PUBLIC SPEAKING 3 F,S

COM 111 req. Incl Clin Exp: 2 hrs, Type 1-5.

Provides the student an opportunity to develop skills in persuasive speaking in a variety of situations. Focuses on message content and organization appropriate for different situations.

210 COMMUNICATION AND CRITICAL THINKING 3 F,S

COM 110 req. Not for cr if had COM 125.

Principles of critical thinking, argumentation, negotiation, and advocacy and their expression in oral and written contexts.

218 COMMUNICATION TECHNOLOGIES AND IMPACTS 3 F,S

COM 111 or 160 or cons inst req. Materials charge optional.

The study of basic communication technologies (radio, television, satellite, computer, and electronic publishing) and their impact on the individual, group, organization, and society.

223 SMALL GROUP PROCESSES 3 F,S

Incl Clin Exp: 1 hr, Type 1-3.

Theory and practice in reflective group discussion methods.

225 NONVERBAL COMMUNICATION 3 F,S

COM 111 req.

Consideration of gesture, space, time, touch, objects, environment, voice, and eye behavior, and their relationship to communication and culture.

226 CLASSICAL RHETORIC 3 F

COM 111 req.

Classical rhetoricians and rhetorics, from the early Greek sophists to Saint Augustine, with special attention to impact on modern theory construction.

227 ORGANIZATIONAL AND PROFESSIONAL SPEAKING 3 F,S

Not rec for COM maj. Materials charge optional.

Learning experiences in critical analysis of communication events, group problem solving, interviewing, technical speaking, and persuasive speaking.

228 INTRODUCTION TO INTERVIEW 3 F

Learning experiences in the selection, organization, oral presentation of ideas through the interview situation. The course stresses information processing in the interview setting.

229 FOUNDATIONS OF ORGANIZATIONAL COMMUNICATION 3 F,S

Designed to enhance students' basic communication knowledge, understanding, and skills in an organization including introductory concepts of organizational communication.

240 INTRODUCTION TO VISUAL COMMUNICATION 3 F,S

COM 111, 160, 161 req. Lecture and lab. Materials charge optional. Formerly PRESENTATION MEDIA.

Introduction to the theory and practice of visual communication including perception, visual literacy, and media design for multiple distribution channels.

241 BASIC PHOTOGRAPHY 3 F,S

Lecture and lab. Materials charge optional.

Fundamentals of photography with emphasis on design, production, presentation and text.

257 BROADCAST REPORTING 3 F,S

COM 111, 160, 167 req. Materials charge optional.

Introduction to concepts of news gathering for television and radio to enhance all aspects of experiential learning offered in the department.

260 MASS COMMUNICATION: CULTURAL CRITICISM AND PROBLEMS 3 F,S
COM 111 and 160 req.
The mass media as a social system. Its impact on the cultural and economic life of the nation. The need for continuing decisions regarding public policy.

262 ADVANCED RADIO APPLICATIONS 3 F,S
COM 111, 160, 162 req. 2 hrs lecture, 2 hrs lab. Materials charge optional.
Examination of copywriting and radio production techniques. Exploration of on-air personalities and styles, radio station imaging, and promotions.

263 ADVANCED TELEVISION PRODUCTION 3 F,S
COM 111, 160, and 163 req; 2 hrs lecture, 4 hrs lab. Materials charge optional.
Creating visual appeal through the television medium. Aesthetics in preparing television programs. Advanced producing/directing techniques in commercial broadcasting and television as an art form.

264 BROADCAST AND CABLE PROGRAMMING 3 F,S
COM 111 and 160 req. Materials charge optional.
Format and scheduling of programs as practiced by station, cable, and network management and viewed from the perspective of the advertiser, the manager, the consumer, and the government.

265 REPORTING II 3 F,S
COM 111, 160, and 165 req.
Advanced training in newsgathering and newswriting with practical application.

266 ADVANCED PHOTOGRAPHY 3 S
COM 241 or cons of inst req. Lecture and lab. Materials charge optional.
A study of the concepts, processes and techniques used to produce or select photographs for use in other forms of media.

267 BROADCAST NEWS II 3 F,S
COM 111, 160, 167, or cons inst req. Materials charge optional.
Refinement of skills in broadcast news through laboratory work on daily television newscasts.

268 PUBLIC RELATIONS WRITING AND PRODUCTION 3 F,S
COM 111 and 165 req. Materials charge optional.
Public relations functions, ethics, and writing of new releases, newsletters, brochures, and other publications for employees and communities.

269 MAGAZINE PRODUCTION AND DESIGN 3 F,S
COM 240 req. Lecture and lab. Materials charge optional. Formerly SPECIALIZED PUBLICATIONS.
Training in design, production, management, and finance of magazine. Instruction applicable to advisement of school publications.

270 DOCUMENTARY IN FILM AND BROADCASTING 3 F
Also offered as THE 270.
Historical, philosophical, and theoretical consideration of documentary approach in films, television, and radio.

271 BROADCAST PERFORMANCE 3 F,S
COM 111, 160, 161 req. Materials charge optional.
Introduction to basic concepts of on-air performance for television and radio to enhance students' experiential learning in broadcast concentrations.

272 FOUNDATIONS OF INTERCULTURAL COMMUNICATION 3 F,S
COM 111 or cons inst req. Formerly IDS 289.15.
Basic concepts of intercultural communication, including value, linguistic and nonverbal differences between cultures; prejudice, ethnocentrism, stereotypes, and cultural adjustment.

275 SELECTED TOPICS IN PUBLIC RELATIONS 3 F,S
COM 111 req. May be repeated if content different.
Examination of various genres of public relations and representative case studies in public relations.

281 PRINCIPLES OF SPEECH EDUCATION 3 F
C or better in C&I 212, 214, 216, and PSY 215 (6 hrs) or conc reg req. Incl Clin Exp: 10 hrs, Type 1-6, 9. Adm to Professional Studies req.
Methods and materials for teaching secondary speech communication. Planning and applying strategies, methods of measurement, classroom criticism of performance, selection and compilation of materials.

283 COMMUNICATION IN THE CLASSROOM 3 S
C or better in COM 110; 45 hrs, and declared Teacher Ed Maj req.
Theory and practice in developing communication competencies in an academic setting. Preparation and presentation of various instructional strategies for diverse audiences.

296 INDEPENDENT RESEARCH IN COMMUNICATION 3 F,S
Project approval by dept chair and inst prior to reg.

297 COMMUNICATION RESEARCH METHODS 3 F,S
COM 111 req.
Methods of scholarly research and critical evaluation of research.

303 CONTROVERSY AND CONTEMPORARY SOCIETY 3 S
COM 111 req.
Contemporary communication on current significant, controversial issues.

304 FREEDOM OF SPEECH AND PRESS 3 F,S
COM 111 req.
First Amendment rights. Emphasis on Supreme Court decisions relating to political dissent, obscenity, provocation and demonstration, and press freedom.

310 APPLICATIONS IN PUBLIC RELATIONS 3 F,S
COM 111, 161, 178 or cons inst req. COM 297 rec.
Training and participation in public relations management and campaign activities. Emphasis: professional activities and competition opportunities at local, national levels.

312 BROADCAST HISTORY 3 S
COM 160 req.
Course explores in depth the origins of broadcast media including people, industries, technologies, and government policies influencing media.

318 SOCIAL DYNAMICS OF COMMUNICATION TECHNOLOGIES 3 S
COM 218 or cons inst req.
Examination of social dynamics of mediated communication emphasizing implications of new communication technologies for social institutions and social change.

321 CAMPAIGN COMMUNICATION AND MESSAGE DESIGN 3 F,S
COM 111 req. Formerly MESSAGE COMPOSITION.
Application of theory and research to campaign strategy and message design. Emphasis: ethical, informative, and persuasive messages in commercial, political, and social issue campaigns.

323 THEORY AND RESEARCH IN SMALL GROUP COMMUNICATION 3 S
COM 111 and 297 req.
Theoretical and experimental literature dealing with small group communication processes.

324 THEORY AND RESEARCH IN PERSUASION 3 F
COM 111 and 297 req.
Survey of contemporary theoretical and empirical literature dealing with the question of how an individual's attitudes, beliefs, and social behaviors are affected by communication.

325 THEORY AND RESEARCH IN INTERPERSONAL COMMUNICATION 3 S
COM 111 and 297 req.
Interpersonal communication and research and its implications for developing, maintaining, and terminating relationships. Focus on developing communicative competence.

328 NEGOTIATION 3 S
COM 111 and 297, or cons of inst req. Formerly 389.57.
Overview of theory and practice of negotiation. Experience in applying strategies to negotiate effectively and ethically.

329 ORGANIZATIONAL COMMUNICATION 3 F,S
COM 111 req.
Theoretical and experimental literature dealing with communication in an organizational setting.

331 HUMAN COMMUNICATION AND THE AGING PROCESS 3 F,S
COM 111 or SOC 211 req.
An examination of the particular communication needs of the aging and current research in the field.

340 COMMUNITY RELATIONS 3 F
COM 111 and 297 req.
Basic principles, problems, and practices used in developing and implementing successful community relations programs for organizations in the 21st Century.

350 PUBLIC OPINION ISSUES 3 F
COM 111 and 297 req.
Contemporary conceptions of public opinion and the processes of opinion creation, maintenance, and expression through communication.

351 ADVANCED WRITING FOR MASS MEDIA 3
COM 160 and 161 req.
This course focuses on writing for long form mass media including documentaries, features, dramas, and comedies.

355 INTERNATIONAL PUBLIC RELATIONS 3 S
COM 111 and 178 or cons inst req.
Theory and research related to the practice of public relations across cultural and national boundaries. Application of theory to practical problems.

358 CRISIS COMMUNICATION 3 F
COM 178 and 268 req.
An advanced examination of the use of communication in planning, managing and responding to organization crises.

360 MASS COMMUNICATION: THEORY AND EFFECTS 3 F,S
COM 111, 160, and 260 req.
Critical examination of channel and receiver variables and their effects on the act of moving information through a given medium. Students participate in at least one research project of their design.

361 REGULATION OF THE COMMUNICATION INDUSTRY 3 F,S
COM 111 and 160 req.
The legal background of mass media, specific laws affecting media operations, and industry efforts at self regulation.

362 NON-BROADCAST TELEVISION 3 F
COM 111 req. Lecture and lab.
Theory and practice of non-broadcast television with emphasis on equipment, production processes and effectiveness as a medium of communication for business, education and medicine.

363 PRIVACY AND INFORMATION PROCESSING 3 F
COM 111 req.
Concepts about individual privacy as related to the processing of information in a technological society. The study of institutional procedures with regard to the dissemination of sensitive information.

364 BROADCAST MANAGEMENT 3 S
COM 111 and 160, req. COM 264 rec.
Role and functions of broadcast media managers in society.

365 NEWSPAPER DESIGN AND GRAPHICS 3 F
COM 240 req. Lecture and lab. Materials charge optional. Formerly GRAPHIC COMMUNICATION I.
Fundamentals of newspaper layout, design and graphics.

366 WEB PRODUCTION AND DESIGN 3 S
COM 240 req. Lecture and lab. Materials charge optional. Formerly GRAPHIC COMMUNICATION II.
Design fundamentals and technical skills for Web page production.

367 ETHICAL PROBLEMS IN MASS COMMUNICATION 3 F,S
COM 111; PHI 138 or cons inst req.
Analysis of ethical problems in news, entertainment, and persuasive media. Students develop analytical skills using cases and research projects.

369 INTERNATIONAL COMMUNICATION SYSTEMS 3 S
COM 111 req.
Mass communication systems employed in foreign countries, their roles in national and international social and cultural development.

370 PSYCHOLOGY OF LANGUAGE 3 S
COM 111 and 297 req.
Theories and experimental research relating to the development and function of language.

371 POLITICAL COMMUNICATION 3 F
COM 111 req; 6 hrs COM or 6 hrs POL rec.
Basic theory and research relating to political campaign communication. Special attention is paid to the persuasive process of political campaigning focusing upon the role of the media, the candidate, image creation and other selected topics on political campaign communication.

372 THEORY AND RESEARCH IN INTERCULTURAL COMMUNICATION 3 S
COM 111, 272 and 297, or cons inst req. Formerly INTERCULTURAL COMMUNICATION.
Theories and research relating to face-to-face communication among people from different cultural, national, ethnic, or racial backgrounds.

375 COMMUNICATION AND LEADERSHIP 3 F
COM 297 req. Not for cr if had 389.56, LEADERSHIP AND COMMUNICATION.
Survey of theory and research dealing with how the different approaches to leadership are enacted through the process of communication.

378 PUBLIC RELATIONS MANAGEMENT 3 F,S
COM 111, 161, 178, and 268 req.
Principles and procedures for the professional practice of ethical public relations via a case study approach. Students complete a campaign project using principles of public relations management.

381 PROBLEMS IN THE TEACHING OF COMMUNICATION 3 S
C or better in C&I 212, 214, 216; and PSY 215 (6 hrs) or conc reg req.
Identification of common and unique problems in teaching communication concepts and skills. Approaches to resolving classroom problems.

385 EDITORIAL AND FEATURE WRITING 3 F,S
COM 111, 165, and 265 req.
Advanced training in writing feature articles and editorials for newspapers and magazines.

398 PROFESSIONAL PRACTICE: COMMUNICATION 1-12 F,S
Complete school application prior to reg. Max 3-6 hrs Prof Pract applicable to maj; 16 hrs applicable to graduation. Inc Clin Exp: 55 hrs, Type 1-9. Materials charge optional.
Arranged on-campus practical experience under the guidance of department academic supervisors.

398.01 PROFESSIONAL PRACTICE: ON-CAMPUS INTERNSHIP IN COMMUNICATION

398.02 PROFESSIONAL PRACTICE: OFF-CAMPUS INTERNSHIP IN COMMUNICATION

ECONOMICS (ECO) 420

425 Stevenson Hall, (309) 438-8625
Web address: www.econ.ilstu.edu/

Chairperson: James Payne.
Tenured/Tenure-track Faculty:
Distinguished Professor: Ram.
Professors: Cohn, Goel, Skaggs.
Associate Professors: Carlson, Loomis, Mohammadi, Rich, Zhang.
Assistant Professors: Barbour, Billger, Waters.

General Department Information

Undergraduate Program Director: J. Lon Carlson
Office: Stevenson Hall 439-A

Academic Requirements:

Majoring in Economics helps you develop important skills, including critical thinking and analytical reasoning. These general skills are valuable for any job or occupation. Thus, a degree in Economics provides you with the flexibility to adapt in a changing environment and take advantage of new opportunities. This flexibility is important because, if you are typical, you will change jobs or occupations about six times in your lifetime.

One of the main advantages of an Economics degree is the wide range of careers that are available to graduates. Economics majors find jobs in a variety of settings, including private industry; federal, state, and local government; international organizations and education. Over the past several years, graduates of the Economics program at Illinois State University have pursued a variety of careers, including positions in entry-level business/management, sales, data processing, staff analysis and research, and teaching. An undergraduate degree in economics is also excellent preparation for students who plan to pursue graduate-level studies in economics, business, and law.

Besides providing flexibility in the job market, the Economics major provides you with flexibility in your academic career. Only 33 hours are required for the major and only 18 hours are required for the minor. Specific course requirements for the major and the minor are indicated below. The low number of hours required for the Economics Major or Minor gives you the flexibility to combine it with a major or minor in other disciplines to design your academic program to fit your life goals.

MAJOR IN SOCIAL SCIENCES EDUCATION

The Major in Social Sciences Education is administered in the Department of History in cooperation with the Departments of Economics; Geography; Politics and Government; and Sociology-Anthropology. For further information see Social Sciences Programs.

INTERDISCIPLINARY MINORS

The Department of Economics participates in interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: Minor in Environmental Studies and Minor in Urban Studies. For further information, please consult the department advisor as well as the section entitled "University-Wide Curriculum" in this *Undergraduate Catalog.*

HONORS IN ECONOMICS

Candidates for honors must fulfill the general requirements for participation in the University Honors Program and must be Economics majors with a GPA of 3.30 overall and 3.75 or higher in Economics courses. Students will be expected to complete 6 hours of coursework designated as honors coursework within the Department of Economics. These could include ECO 105 honors, ECO 148 honors, or 2 in-course honors at the 200- or 300-level. The in-course honors requires individual negotiation with a faculty member teaching the course. In addition, the achievement of honors requires the writing of a substantial original paper. The student will enroll in Independent Honors Study and will receive help from an assigned faculty member. At the end of the semester the student will make an oral presentation of the paper to a meeting of Omicron Delta Epsilon, the Economics Honor Society. One copy of the original paper will be kept in the Department office and be available for inspection. Honors credit will show on the official transcript and will be stated on the diploma.

Economics Programs

Degrees Offered: B.A., B.S.

Admission Requirements:

Students will be admitted into the Economics department's programs from a pool of qualified applicants on the basis of individual qualifications. Students are admitted to the major or minor in Economics on a competitive and selective basis. The number of students admitted may vary from year to year depending on program capacity and qualifications of students in the pool. The Department of Economics reserves the right to maintain a balanced enrollment.

MAJOR IN ECONOMICS

— 33 hours required.
— Required courses: ECO 105, 138, 238, 240, 241, 300; one 3-hour 300-level ECO course; and MAT 121 or 145. (either ECO 148, GEO 138, MQM 100, POL 138, or PSY 138, may be substituted for ECO 138.)
— A grade of C or better must be earned in ECO 105, 138 (or approved substitute), 238, 240, 241, 300 and MAT 121 or 145.
— 3 elective ECO courses at the 200- or 300-level are required in addition to the required 3-hour 300-level course.
— At least 15 hours of senior college credit from the Illinois State University Department of Economics must be completed. The Department Chairperson may grant exemptions to students whose cumulative GPA is 3.00 or higher.

Concentrations:

A major or minor degree in Economics is an excellent complement to a variety of other majors or customized sets of courses. Economics majors may elect (but are not required to elect) one of the following concentrations. Although no specific courses are required for these concentrations, recommended courses for each are listed below:

1. **Business Economics:** Economic electives: ECO 215, 239, 320 and 339 plus ACC 131 and 132; ENG 249; FIL 185, 240 and 241; and ITK 168.
2. **Electricity, Natural Gas, and Telecommunications Economics:** Economics electives: ECO 235, 239, 320, and 335 plus ACC 131 and 132; ENG 249; and FIL 240, 242 and 347.
3. **Graduate School Preparation:** ENG 249; and MAT 146, 147, 175, 350 and 356.
4. **Human Resources:** Economics electives: ECO 225, 326, and 339 plus ENG 249; FIL 313; MQM 323 and 324; and PSY 230.
5. **International Economics:** Economic electives: ECO 245, 345 and 346 plus ENG 249; INB 190; MQM 350; POL 151 and proficiency in a foreign language.
6. **Pre-Law:** Economic electives: ECO 220, 235, 320 and 335 plus COM 202; ENG 249; FIL 185 and 209; and POL 215 and 318.
7. **Public Policy:** Economic electives: ECO 255, 329, 350, plus ENG 249; FIL 311; and POL 232, 312 and 318.

MINOR IN ECONOMICS

— 18 hours in Economics required.
— Required course: ECO 105.
— MAT 121 or 145 may be, but are not required to be, used for 4 hours of credit toward the minor.
— ECO 103 may not be counted toward the minor.

MINOR IN ECONOMICS

For Teacher Education:

— Program requirements are the same as those for the Minor in Economics.

Economics Courses

103 INDIVIDUAL AND SOCIAL CHOICE MC-IS 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option.
Economic impacts of individual and social choices and their influence on social issues. Includes perspectives from other social sciences.

105 PRINCIPLES OF ECONOMICS 4 F,S
Not for cr if had ECO 101 and 102.
Supply and demand in product and resource markets, international trade, determination of GDP, employment, inflation and economic growth.

138 ECONOMIC REASONING USING STATISTICS MC-QR 3 F,S
MAT 111, 120, 130, or 145 req. May not be taken under CT/NC option. Formerly SOCIAL SCIENCE REASONING USING STATISTICS. Not for cr if had GEO 138, POL 138, PSY 138 or MQM 100.
Introduction to descriptive and inferential statistics with applications in economics. Includes the use of statistical software package on laboratory computers.

202 CURRENT ECONOMIC ISSUES 3 Summer
ECO 101 and 102, or 105 req.
Application of introductory principles to world economic problems, such as energy, pollution, poverty and unemployment.

205 DEVELOPMENT ECONOMICS 3 F,S
ECO 105 req.
Principal determinants of economic development and problems associated with generating and accelerating economic growth in less developed nations.

210 COMPARATIVE ECONOMIC SYSTEMS 3 F or S
ECO 101 and 102, or 105 req.
Comparative analysis of several types of economic systems. Discussion of alternative models of economic decision-making. Case studies of such economies as China, Japan, South Africa, Sweden, Russia, and Yugoslavia.

215 MONEY AND BANKING 3 F or S
ECO 101 and 102, or 105 req.
Development and growth of the monetary system. Emphasis on monetary theory and applied policy issues.

220 LAW AND ECONOMICS 3 F or S
ECO 101 or 105 req.
Overview of economic analysis of topics in the common law including property, contract, tort and criminal law.

225 LABOR ECONOMICS AND LABOR PROBLEMS 3 F or S
ECO 101 and 102, or 105 req.
Economic aspects of labor and trade unionism. Emphasis on wage determination, bargaining, manpower and unions.

235 TELECOMMUNICATIONS ECONOMICS AND PUBLIC POLICY 3 F or S
ECO 101 or 105 req.
Introduction to economics and public policy issues confronting the telecommunications industry, including legal aspects, standards, privacy and security issues.

238 USING REGRESSION AND ECONOMETRIC METHODS 3 F or S
ECO 101 and 102 or 105 req. ECO/GEO/POL/PSY 138 or ECO 148 or MQM 100 req. Formerly USING ECONOMETRICS.
Non-theoretical study of the basic concepts of regression analysis and econometrics which emphasizes real-world applications, statistical computing, and learning-by-doing.

239 MANAGERIAL ECONOMICS 3 F or S
ECO 101 or 105 req; MAT 121 or 145; and ECO/GEO/POL/PSY 138 or ECO 148 rec.
Theoretical and applied study of demand, cost, and production related to the theory of the firm. Developments of current interest; empirical studies intended to affirm or disaffirm applicability of economic principles.

240 INTERMEDIATE MICROECONOMIC THEORY 3 F,S
ECO 101 or 102, or 105; ECO/GEO/POL/PSY 138 or ECO 148 or MQM 100; and MAT 121 or 145 req.
Emphasis on topics regarding resource allocation, scarcity, and distribution of income; theory of consumer choice, theory of the firm, market structures, factor markets, distribution of income, welfare economics, and general equilibrium.

241 INTERMEDIATE MACROECONOMIC THEORY 3 F,S
ECO 101 and 102, or 105; ECO/GEO/POL/PSY 138 or ECO 148 or MQM 100; and MAT 121 or 145 req.
Theory of income, employment, interest rate and price level determination. The government's influence on these variables via monetary and fiscal policies.

245 THE INTERNATIONAL ECONOMY 3 F or S
ECO 101 and 102, or 105 req.
Economic aspects of international issues and problems. Analysis of international trade, trade restrictions, exchange rates and the balance of payments.

255 INTRODUCTION TO ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS 3 F or S
ECO 101 or 105 req.
Overview of natural resource and environmental economics. Topics include management of renewable and nonrenewable resources and the economically efficient approach to pollution control.

300 SENIOR PROJECT 1 F,S
ECO 240 and 241 req. To be taken concurrently with a 300-level Economic course.
Involves independent out-of-class work on a project designed in consultation with the instructor in the concurrent 300-level course.

300.01 SOCIAL SCIENCE SEMINAR 3 F or S
SSC maj req. ECO 131, or ECO/GEO/POL/PSY 138, or GEO 204 or HIS 200 or 296 or POL 209 or SOC 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as ANT/GEO/HIS/POL/SOC 300.01.
An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

320 INDUSTRIAL ORGANIZATION 3 F or S
One 200-level ECO course req.
Theoretical and empirical analysis of basic influences on industrial markets and performances. Market practices, the role of competition, and related policy issues.

326 ECONOMICS OF HUMAN RESOURCES 3 F or S
ECO 225 or 240 req.
Theoretical and empirical analysis of labor markets. Education and training, labor mobility, wage structure, discrimination, unemployment, wage and incomes policies.

329 ECONOMICS ISSUES IN EDUCATION 3 F or S
ECO 225 or 240 req.
Analysis of economic issues in education including efficiency and equity, public vs. private provision of educational services, and education as human capital.

335 ECONOMICS OF REGULATION AND ANTITRUST 3 F or S
ECO 240 req.
The origins, aims, methods, and effects of economic regulation and antitrust, with an emphasis on case studies.

339 ORGANIZATIONAL ECONOMICS 3 F or S
ECO 239 or 240 req.
Economic analysis of firm boundaries, make or buy decisions, incentive contracts and supply relationships, repeated interaction and reputations, organizational structure and related management applications.

345 INTERNATIONAL TRADE 3 F or S
ECO 240 or 245 req.
Causes and consequences of international trade. Analysis of tariffs, quotas, other trade restrictions, current trade policy and multinational corporations.

346 INTERNATIONAL FINANCE 3 F or S
ECO 241 or 245 req.
Mechanisms of international payments and evaluation of the international monetary system. Topics include exchange rates, balance of payments, international monetary cooperation, and connections between the domestic and international economy.

350 PUBLIC FINANCE 3 F or S
One 200-level ECO course req.
Analysis of the economic impacts of government expenditures and taxes on the allocation of resources and the distribution of income.

353 REGRESSION AND TIME SERIES ANALYSIS 4 F,S
C or better in MAT 351 or equiv or cons inst req. Also offered as MAT 353.
Regression and time series methods for business and economic applications, including exponential smoothing and Box-Jenkins methods. Computer statistical package used.

360 HISTORY OF THE AMERICAN ECONOMY 3 F or S
Two 200-level ECO courses or cons inst req.
Recent empirical studies and applications of economic theory to historical problems in an American context. Causes of the Great Depression, economics of slavery, and roles of agriculture, industry, and government in growth.

372 HISTORY OF ECONOMIC THOUGHT 3 F or S
Two 200-level ECO courses or cons inst req.
Economic analysis from the Mercantilists to the American Institutionalists. Relates earlier schools of thought to the contemporary.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN ECONOMIC RESEARCH 1-6 F,S
ECO maj/min and cons dept Prof Pract Coord req; 2.20 GPA, and 50 hrs cr req. CR/NC only; not for cr maj/min; must complete dept application.
On-the-job experience as a practicing economist in private industry or government. Interns may be involved in all phases and types of economic research.

ENGLISH (ENG) 424

409 Stevenson Hall, (309) 438-3667
Web address: www.english.ilstu.edu

Chairperson: Tim Hunt.
Tenured/Tenure-track Faculty:
Distinguished Professor: Shields.
Professors: Brasseur, Fortune, Hawkins, Huff, Kalmbach, Neuleib, Rutter, Savage, Strickland, Trites, White.
Associate Professors: Broad, Burt, Coats, Cruz, Demirci, DeSantis, Kim, McBride, McLaughlin, Saunders, Susina, Tarr, Thompson, Tolson, Zona.
Assistant Professors: Breu, Ellison, Fleisher, Jung, Justice, Kalter, Meyer, Ressler, Robillard, Stone.

General Department Information

INTERDISCIPLINARY MINORS

The Department of English participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: African-American Studies, Children's Studies, Cognitive Science, Ethnic and Cultural Studies, International Studies, Middle Eastern and South Asian Studies, and Women's Studies. For further information on these minors and their advisors, please consult the University-Wide Curriculum section in this *Undergraduate Catalog*.

HONORS IN ENGLISH

The Department of English offers honors work to qualified students. Honors work includes intensive study in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report and/or examination. Honors work is open only to resident students who have achieved superior academic records and who have demonstrated the ability to profit from independent study.

English Programs

Degrees Offered: B.A (All English majors and students in the Teacher Certification Sequence)

Admission to the English major may be affected and restricted by the lack of available Department resources in times of oversubscription.

MAJOR IN ENGLISH

- 40 hours in English required, *exclusive* of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).
- Required courses: ENG 100 with C or better and 300.
- 9 hours selected from ENG 283, 284, 285, 286.
- 3 hours of British literature selected from ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 324, 325, 327, 328, 329, 378, 386, 387, 388.
- 3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 328, 332, 336, 365.
- 3 hours in language and linguistics selected from ENG 241, 243, 245, 310, 311, 341, 342.
- 3 hours in advanced writing selected from ENG 246, 247, 248, 249.
- Of the remaining 12 hours, at least 6 hours of electives at the 200- through 300-level. Students should be guided by the "Goals of the Major in English at Illinois State University" (available from the Department undergraduate advisor) in choosing their electives.

Publishing and the Nonprofit Literary Arts Sequence

This program is designed to prepare graduates for careers in publishing and the nonprofit literary arts.

- 55 hours required.
- 16 hours in English core: ENG 100, 300, and 9 hours selected from ENG 283, 284, 285, and 286.
- 18 hours of required sequence courses: ENG 244, 249, 247 or 347.01 or 347.02, 350, 351, 354.
- 12 hours of literature with a national/historical focus:
- 3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 328, 332, 336, 365. A course in contemporary American literature is strongly recommended for students in this program.
- 3 hours of British literature selected from ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 324, 325, 327, 328, 329, 378, 386, 387, 388. A course in contemporary British literature is strongly recommended for students in this program.
- Electives (6 hours) selected from the above courses to the extent these courses have not been used to meet the 6-hour requirement previously listed; ENG 250, 251, 252, 255, 260, 261, 271, 272, 352, 360, 370, 372, 375.
- 9 hours ENG 398, Professional Practice.

Teacher Certification Sequence:

- To graduate in the English Major.
- An application process is in place for admission to English Teacher Education. While a 2.50 GPA is required for application, a successful applicant typically has a GPA of 2.75 or higher.
- 46 hours in English required, *exclusive* of ENG 101.
- Completion of entitlement program leading to certification: secondary 6-12.
- Required courses for certification and accreditation: ENG 243, 246, 285, 296, and 297. ENG 296 and 297 must be completed with a C or better; these courses include 36 clock-hours of state-mandated pre-student teaching Clinical Experiences.
- Additional required courses: ENG 100 with a grade of C or better and 300.
- 6 hours selected from ENG 283, 284, 286.
- 3 hours of British literature selected from ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 324, 325, 327, 328, 329, 378, 386, 387, 388. ENG 110 is

strongly recommended for students who have not taken a high school or community college survey course in British literature.
— 3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 328, 332, 336, 365. ENG 130 is *strongly recommended* for students who have not taken a high school or community college survey course in American literature.
— 3 hours in language and linguistics selected from ENG 241, 310.
— 3 hours in multicultural literature selected from 206, 255, 261, 266, 352, 374.
— 3 hours in adolescent literature: ENG 375.
— The remaining 3 hours of elective must be completed at the 200- through 300-level. Students should be guided by the "Goals of the Major in English at Illinois State University" (available from the Department undergraduate advisor) in choosing their elective. ENG 247 is *strongly recommended* for students who have not taken a high school or community college course in creative writing.

MINOR IN ENGLISH

— 18 hours in English required, *exclusive* of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).
— Required courses: ENG 100 with C or better; 3 hours selected from ENG 283, 284, 285, 286; at least 9 hours of the remaining 12 hours must be completed at the 200- through 300-level.

MINOR IN ENGLISH

For Teacher Education:

— 24 hours in English required, *exclusive* of ENG 101.
— 2.50 GPA in all English courses taken at Illinois State University.
— Required courses: ENG 100 with C or better; 3 hours selected from ENG 283, 284, 285, 286; ENG 243; 3 hours in composition selected from ENG 246, 291, 297; at least 6 hours of the remaining 12 hours must be completed at the 200- through 300-level courses. To meet state requirements, a course in American literature, British literature, and dramatics is strongly recommended.

MINOR IN COMPARATIVE LITERATURE

— 19 hours required.
— A maximum of 9 hours may overlap with a major in English or Foreign Languages.
— Foreign Language requirement (4 hours): FOR 116 or equivalent.
— Required core (3 hours): ENG/FOR 256.
— Core Comparative Literature electives (6 hours) 2 of the following: ENG/FOR 257, 258, 259.
— Foreign Language literature course (3 hours): 1 of the following FOR courses: FR 220, 221, 222; GER 211, 222; LAT 221, 222; SPA 233, 253, 254, 255 or any FOR literature course at the 300-level.
— Elective (3 hours) 1 of the following: ENG/FOR 257, 258 or 259 (if not used to fulfill the core requirement); a second FOR literature course from the list above; ENG 252, 255 or 352.
— Minimum 2.50 GPA in FOR 111-116.

MINOR IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

Students enrolling in this program must have at least 2 years of a foreign language or equivalent at the college level in the case of a native speaker of English, or demonstrated proficiency in English at a level commensurate with the student's role as a language model and instructor in the case of a non-native speaker of English.

— 18 hours required.
— Required courses: ENG 341, 343, 344, 345, and 346; 3 hours selected from ENG 241, 243, 310, 342, 440, and COM 370.
— Elective practicum ENG 394.

Approval Certificate in Teaching English as a Second Language:

Students of both graduate and undergraduate standing may obtain an Illinois State Approval for Teaching English as a Second Language by fulfilling the following requirements: (1) fulfill Teacher Education Certification requirements of either the Standard Elementary and/or High School Certificate, (2) complete the 18 hours of required coursework as listed in the minor in TESOL above, and (3) obtain 100 clock hours of ESL Clinical Experience or 3 months of teaching experience in English as a Second Language at the appropriate level. This practical experience may be obtained by enrolling in ENG 394.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings.

All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching

6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN WRITING

Courses taken for the Writing Minor may not count for the English Major.

— 24 hours required.
— 6 hours selected from ENG 246, 247, 249.
— 6 hours selected from one of the following areas:
Creative Writing: ENG 347.01, 347.02, 348.
Rhetoric and Composition: ENG 145, 243, 244, 248, 283, 391, 392.
Technical Writing: ENG 349, 350, 351, 353.
— 9 hours of electives in writing. May include any of the above courses, ENG 398, and up to six hours in writing courses from other departments: COM 165, 166, 265, 268, 269, 321, 385.
— ENG 396.

English Courses

The courses offered by the Department of English fall into three categories: those for the General Education Program, those for major and minor fields, and those for specialized aspects in English. English 101 is required of all students for the General Education Program, and it is strongly recommended that students take 101 before taking further courses in English.

100 INTRODUCTION TO ENGLISH STUDIES 3 F,S
English maj/min only.
Introduction to literature, rhetoric, and language and to the concept of English Studies.

101 COMPOSITION AND CRITICAL INQUIRY IC 3 F,S,Summer
Not for cr maj/min. May not be taken under the CT/NC option. Formerly LANGUAGE AND COMPOSITION.
Rhetorical approach to writing, taught through extensive collaborative drafting, revising, and editing. Emphasis on critical reading and analysis. Computer-assisted.

107 LITERATURE AND FILM STYLE OC-H 3 F,S
ENG 101; COM 110 req. 1 course from MC-LH rec. Not for cr maj/min.
An introduction to the application of specialized terms and concepts whereby films and their literary components are analyzed by means of their style.

110 BRITISH LITERATURE AND ITS CONTEXTS OC-H 3 F,S
ENG 101; COM 110 req. Formerly MASTERPIECES OF ENGLISH LITERATURE and SURVEY OF ENGLISH LITERATURE.
A historical study of the main movements in British literature. Readings of entire works representative of the movements.

125 LITERARY NARRATIVE MC-LH 3 F,S
ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as FOR 125. Not for cr maj/min.
Critical reading and analysis of a variety of literary narratives that reflect on human experience.

128 GENDER IN THE HUMANITIES MC-LH 3 F,S
ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as COM/FOR 128.
Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

130 SURVEY OF AMERICAN LITERATURE 3 F,S
A historical study of the main movements in American literature. Readings of entire works representative of the movements.

131 AMERICAN CULTURE: TRADITIONS AND TEXTS MC-UST 3 F,S
ENG 101 or COM 110 req or conc reg. May not be taken under the CT/NC option. Also offered as HIS 131. Not for cr maj/min.
Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art.

143 UNITY AND DIVERSITY IN LANGUAGE OC-SS 3 F,S
Inner Core req. Also offered as ANT/FOR 143.
Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

145 LANGUAGE AND COMPOSITION II 3 F,S
ENG 101 req.
Introduction to research-based writing for multiple academic audiences. Computer-assisted.

150 MASTERPIECES OF WORLD LITERATURE TO 1350 OC-H 3
Readings in ancient and medieval literature, including Dante.

160 WOMEN IN LITERATURE 3
Women's experiences in literature. A variety of genres and historical periods.

165 AFRICAN-AMERICAN LITERATURE 3 F,S
Contributions to American literature by representative African-American authors, with emphasis on the 20th century.

170 FOUNDATIONS IN LITERATURE FOR CHILDREN 3 F,S
Introduction to genres of children's literature, including mythologies, fairy tales, picture books, poetry, and historical, multicultural, and current prose.

201 SPECIALIZED KNOWLEDGE AND INTEGRATIVE CONTEXTS IN ENGLISH STUDIES 3
C or better in ENG 100 or cons dept chair req.
Study of a specialized topic (a writer, a literary form, a concept in linguistics or in writing, etc) from several disciplinary perspectives within English Studies.

206 CULTURAL EXPRESSIONS IN SOCIAL CONTEXTS: WOMEN OF ASIA, LATIN AMERICA AND AFRICA OC-H 3 F,S
ENG 101; COM 110 req; MC-IS category req. WS 120 rec. Also offered as FOR 206.
Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern.

213 MEDIEVAL ENGLISH LITERATURE AND CULTURE 3
C or better in ENG 100 or cons dept chair req.
English literature during the Middle Ages from the 8th century to the 15th. Readings in translation from Old and Middle English.

214 LITERATURE OF THE ENGLISH RENAISSANCE 3
C or better in ENG 100 or cons dept chair req.
English literature during the 16th and 17th centuries; prose, poetic writings, and the dramatic literature exclusive of Shakespeare.

216 BRITISH LITERATURE OF THE EIGHTEENTH CENTURY 3
C or better in ENG 100 or cons dept chair req.
Canonical and noncanonical British writers from the "long" eighteenth century.

217 BRITISH LITERATURE OF THE ROMANTIC PERIOD 3
C or better in ENG 100 or cons dept chair req.
Emphasis on major British poetry, prose and/or drama with appropriate attention given to noncanonical authors.

218 BRITISH LITERATURE OF THE VICTORIAN PERIOD 3
C or better in ENG 100 or cons dept chair req.
Emphasis on major British poetry, prose and/or drama with appropriate attention given to noncanonical authors.

219 CONTEMPORARY BRITISH LITERATURE 3
C or better in ENG 100 or cons dept chair req.
Significant texts from Britain and its former colonies with attention to recent and contemporary trends in thought and expression.

222 SHAKESPEARE 3
C or better in ENG 100 or cons dept chair req. Formerly SHAKESPEARE'S EARLIER WORKS.
Selected readings with emphasis on the relationship between the author, the text, and the larger culture.

229 INTRODUCTION TO LITERARY GENRES OC-H 3 F,S
ENG 101; COM 110 req; MC-LH category req. Not for cr maj/min.
Formal and historical study of literary genres—poetry, drama, prose narrative—as structures of knowledge.

231 AMERICAN LITERATURE: 1607-1830 3
C or better in ENG 100 or cons dept chair req.
Colonial American writers from the beginnings of American literature through the early national period.

232 AMERICAN LITERATURE: 1830-1870 3
C or better in ENG 100 or cons dept chair req.
Main figures and movements of mid-19th century American literature.

233 AMERICAN LITERATURE: 1870-1920 3
C or better in ENG 100 or cons dept chair req.
Major trends in American literature from the Reconstruction Era and Indian Wars period until World War I.

234 AMERICAN LITERATURE: 1920-1945 3
C or better in ENG 100 or cons dept chair req.
Trends in American literature between the World Wars.

236 AMERICAN LITERATURE: 1945-PRESENT 3
C or better in ENG 100 or cons dept chair req.
Present-day trends in American literature.

241 GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE 3 F,S
An introduction to the history of English designed to help students understand language change and the state of contemporary English.

243 TRADITIONAL AND NON-TRADITIONAL GRAMMARS 3 F,S
Various grammatical descriptions of English: traditional, structural, and transformational generative systems.

244 APPLIED GRAMMAR AND USAGE FOR WRITERS 3
ENG 100 or 145 req.
Traditional, structural, and transformational grammars applied to needs of writers. Choosing among alternative grammatical strategies. Usage; semantics of punctuation. Revising.

245 SEMANTICS 3 F,S
The nature of meaning and the functions of language.

246 ADVANCED EXPOSITION 3
ENG 100 or 145 req.
Extensive writing of essays developed in greater depth and sophistication in subject matter than those written in previous writing courses. Computer-assisted.

247 CREATIVE WRITING 3 F,S
Opportunity for creative writing of various kinds, such as narrative, drama, and verse, determined largely by each student's individual interest.

248 LEGAL WRITING 3 S
ENG 101 req.
Advanced writing course for prelaw students.

249 TECHNICAL AND PROFESSIONAL WRITING I 3 F,S
ENG 101 req. Materials charge optional.
Introduction to technical and professional writing. Includes study of manuals, reports, proposals, audience analysis, formatting, and style.

250 LITERATURE OF THE BIBLE I 3
Major ideas and literary forms of the Old Testament.

251 LITERATURE OF THE BIBLE II 3
Major ideas and literary forms of the Apocrypha and the New Testament.

252 WORLD LITERATURE TO 1800 3
C or better in ENG 100 or cons dept chair req.
Comparative study of significant texts of world literature prior to 1800.

255 MODERN WORLD LITERATURE: 1800-PRESENT 3
C or better in ENG 100 or cons dept chair req.
Comparative study of significant texts of modern world literature.

256 INTRODUCTION TO COMPARATIVE LITERATURE 3
FOR 115, Second Year Language (Part I) req. May be repeated if content differs. Formerly THEORIES AND METHODS OF COMPARATIVE LITERATURE. Also offered as FOR 256.
An introduction to the theories and methods of the study of comparative literature.

257 HISTORICAL APPROACHES TO COMPARATIVE LITERATURE 3
FOR 115, Second Year Language (Part I) req. May be repeated if content differs. Also offered as FOR 257.
Comparative study of world literatures by or across historical period(s).

258 CROSS-CULTURAL APPROACHES TO COMPARATIVE LITERATURE 3
FOR 115, Second Year Language (Part I) req. May be repeated if content differs. Also offered as FOR 258.
Study of world literatures through comparison of works from differing cultural spheres and/or geographic areas.

259 CONCEPTUAL APPROACHES TO COMPARATIVE LITERATURE 3
FOR 115, Second Year Language (Part I) req. May be repeated if content differs. Also offered as FOR 259.
Comparative study of world literatures organized by theme or theoretical focus.

260 HISTORY OF LITERATURE BY WOMEN 3
A historical overview of writing by women from early times to the present.

261 WOMEN'S LITERATURE IN A GLOBAL CONTEXT OC-H 3 F,S
ENG 101; COM 110 req; MC-LH category req.
Literature by women of diverse ethnicities to examine varieties of texts and their cultural construction.

265 FOUNDATIONS OF AFRICAN-AMERICAN LITERATURE AND CULTURE 3
C or better in ENG 100 or cons dept chair req.
Concepts, themes, generic conventions, and major historical events and figures central to African-American literature and culture.

266 NATIVE AMERICAN LITERATURE AND CULTURE 3
C or better in ENG 100 or cons dept chair req.
Study of Native American literature, orality, and culture.

271 LITERATURE FOR YOUNG CHILDREN 3 F,S
Does not repeat material of ENG 170.
Analysis of works written for children ages 5 to 9, including multicultural picture books, fairly tales, poetry, and chapter books.

272 LITERATURE FOR PRE-ADOLESCENTS 3 F,S
Does not repeat material of ENG 170.
Analysis of works written for children ages 9 to 14, including multicultural novels and information books, children's media, and culture.

283 RHETORICAL THEORY AND APPLICATIONS 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.
Critical and analytical examination of the nature and historical development of rhetorical theory and its applications to contemporary discourse.

284 POETRY 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.
Critical and analytical examination of the nature and historical development of poetry.

285 DRAMA 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.
Critical and analytical examination of the nature and historical development of drama as a genre.

286 PROSE 3 F,S
C or better in ENG 100 or cons dept chair req. ENG maj/min only.
Critical and analytical examination of the nature and historical development of prose literature—fiction and non-fiction.

290 LANGUAGE ARTS 3 F,S
Study of language acquisition and research in critical thinking, listening, speaking, writing, vocabulary development, usage, and spelling for children.

295 TEACHING LITERATURE AND WRITING IN THE MIDDLE SCHOOL 3 F
Not to be taken by English Ed maj without permission.
Surveys recent scholarship on composition and literary theory and examines implications for teaching literature and writing at the middle school level. Computer assisted.

296 THE TEACHING OF LITERATURE 3 F,S
C or better in C&I 216 or conc reg with cons ENG Ed advisor req. Incl Clin Exp: 10 hrs, Type 1-5 and 9. Adm to Professional Studies req.
Examines current scholarship in the teaching of literature at the secondary level; integrates theories of teaching literature with teaching practice.

297 THE TEACHING OF WRITING 3 F,S
C or better in ENG 296 or cons ENG Ed advisor req. Incl Clin Exp: 26 hrs, Type 1-5 and 9. Adm to Professional Studies req.
Examines current scholarship in the teaching of writing at the secondary level; integrates theories of teaching writing with teaching practice.

300 SENIOR SEMINAR 4 F,S
English maj and sr standing and cons dept chair req.
Capstone course for English majors, synthesizing the main dimensions of English studies. Requires senior project and portfolio.

308 LITERATURE AND THE RELATED ARTS 3
Jr/sr standing or cons dept chair req.
Formal, aesthetic, and cultural relationships among literature, art, and music with special emphasis upon literary understanding.

310 HISTORY AND DEVELOPMENT OF THE ENGLISH LANGUAGE 3
Jr/sr standing or cons dept chair req.
Development of the English language from the Old English period to the present, with attention to operational structures of contemporary English.

311 INTRODUCTION TO OLD ENGLISH LANGUAGE AND LITERATURE 3
Jr/sr standing or cons dept chair req.
Elements of Old English grammar, with selected readings in Old English literature.

320 CHAUCER 3
C or better in ENG 100 req and jr/sr standing or cons dept chair req.
Literary and linguistic study of the major works of Chaucer; text in Middle English.

324 MILTON 3
C or better in ENG 100 req and jr/sr standing or cons dept chair req.
Major poetry and prose of John Milton; special attention to "Paradise Lost."

325 ENGLISH DRAMA BEFORE 1642 3
C or better in ENG 100 req and jr/sr standing or cons dept chair req. May repeat if content differs; max 6 hrs.
English drama, excluding Shakespeare, from its beginning to the closing of the theatres; authors such as Marlowe, Jonson, Webster.

327 RESTORATION AND EIGHTEENTH-CENTURY DRAMA 3
C or better in ENG 100 and jr/sr standing or cons dept chair req. May repeat if content differs; max 6 hrs.
English drama from 1660 to 1800, including playwrights such as Dryden, Wycherley, Congreve, Goldsmith, and Sheridan.

328 MODERN BRITISH AND AMERICAN DRAMA 3
C or better in ENG 100 and jr/sr standing or cons dept chair req. May repeat if content differs; max 6 hrs.
20th-century British and American drama and related criticism; playwrights such as Shaw, O'Neill, Williams, Albee, Pinter, and Beckett.

329 SELECTED FIGURES IN BRITISH LITERATURE 3
C or better in ENG 100 and jr/sr standing or cons dept chair req. May repeat if content differs.
Important literary figures, genres, or movements.

332 SELECTED FIGURES IN AMERICAN LITERATURE 3
C or better in ENG 100 and jr/sr standing or cons dept chair req. May repeat if content differs.
Important literary figures, genres, or movements.

336 THE AMERICAN NOVEL 3
C or better in ENG 100 and jr/sr standing or cons dept chair req. May repeat if content differs; max 6 hrs.
Historical survey of major American novelists, including authors such as Twain, Hawthorne, Melville, Crane, Hemingway, Faulkner, and Barth.

341 INTRODUCTION TO DESCRIPTIVE LINGUISTICS 3 F,S
Jr/sr standing or cons dept chair req.
Aims and methods of linguistic science. Nature and functions of language: phonology, morphology, syntax, dialectology. Relationship of language to culture.

342 SOCIOLINGUISTICS 3
Jr/sr standing or cons dept chair req. Also offered as ANT 342.
Social significance of language variation: regional, social, ethnic dialects; attitudes towards variation. Multilingual societies, language choice, language shift, language planning.

343 CROSS-CULTURAL ASPECTS IN TESOL 3
ENG 241 or 243 or 341 req. Jr/sr standing or cons dept chair req.
The relationship between language, culture, and cultural awareness in the learning and teaching of English as a Second Language.

344 TESOL: THEORETICAL FOUNDATIONS 3
ENG 243 or 341 req. Jr/sr standing or cons dept chair req.
Linguistic theories; first and second language acquisition; cognitive, affective, and cultural factors in teaching English as a Second Language.

345 TESOL: METHODS AND MATERIALS 3
ENG 344 req. Jr/sr standing or cons dept chair req. Incl Clin Exp.
Methodologies and techniques for teaching English as a Second Language; evaluation of materials for various levels and instructional goals.

346 ASSESSMENT AND TESTING IN ESL 3
ENG 341 req. Jr/sr standing or cons dept chair req.
Assessing oral and written proficiency in English as a Second Language.

347.01 ADVANCED CREATIVE WRITING: POETRY 3 F,S
ENG 247 or grad standing req. May repeat if content differs. Jr/sr standing or cons dept chair req.
Workshop format for individual projects.

347.02 ADVANCED CREATIVE WRITING: PROSE 3 F,S
ENG 247 or grad standing req. Jr/sr standing or cons dept chair req. May repeat if content different.
Workshop format for individual projects.

348 PLAYWRITING 3
Also offered as THE 348.
Playwriting techniques of selected masters with practical application of techniques in writing original plays.

349 TECHNICAL AND PROFESSIONAL WRITING II 3 F,S
ENG 249 or grad standing req. Jr/sr standing or cons dept chair req. Also offered as TEC 349. Materials charge optional.
Instruction and practice in editing, proposals, and analytical writing; attention given to style manuals, research writing, and (as needed) publication. Computer-assisted.

350 VISIBLE RHETORIC 3
Jr/sr standing; ENG 246, 247, or 249 or cons inst req. Materials charge optional.
Study of the visible elements of rhetoric and of publishing as an integrating activity in English. Computer assisted.

351 HYPERTEXT 3
Jr/sr standing; ENG 246, 247, or 249 or cons inst req. Materials charge optional.
Writing workshop emphasizing the creation of electronic, screen-bound documents. Includes study of interactive literature, on-line documentation, hypermedia, and electronic publishing.

352 SELECTED FIGURES IN WORLD LITERATURE 3
C or better in ENG 100 and jr/sr standing or cons dept chair req. May repeat if content different.
Important literary figures, genres, or movements.

353 TECHNICAL EDITING 3
ENG 244 or COM 166; Jr/sr standing; or graduate status or cons of inst req.
Theory and practice of editing and management of documentation in industry and other organizational settings. Computer assisted.

354 LITERARY PUBLISHING IN THEORY AND PRACTICE 3
C or better in English 100 and jr/sr standing or cons dept chair req.
Focus on issues that have shaped contemporary literary publishing.

360 STUDIES IN WOMEN AND LITERATURE 3
Jr/sr standing or cons dept chair req. May repeat if content differs; max 6 hrs.
Studies in literature by or about women, focusing on stereotyping of male and female experience and developing feminist aesthetic theories.

365 MOVEMENTS AND PERIODS IN AFRICAN-AMERICAN LITERATURE AND CULTURE 3
Jr/sr standing or cons dept chair req. May repeat if content different.
Historical survey of major movements and periods in African-American literature.

370 STUDIES IN THE HISTORY OF LITERATURE FOR YOUNG PEOPLE 3
Jr/sr standing; ENG 170 or conc dept chair req. May repeat if content different.
Advanced critical, chronological examination of literature for children and adolescents from folklore origins to 1900.

372 STUDIES IN CONTEMPORARY LITERATURE FOR YOUNG PEOPLE 3
Jr/sr standing; ENG 170 or conc dept chair req. May repeat if content different.
A problem-centered course, emphasizing trends and research related to recent literature for children and early adolescents.

373 VERSE FOR CHILDREN 3
Jr/sr standing; ENG 170 or cons dept chair req. May repeat if content different; max 6 hrs.
Verse for children and early adolescents, including various categories, elements, and well-known poets in the field.

374 STORYTELLING 3
Jr/sr standing or cons dept chair req.
The art of storytelling based on knowledge of folklore heritage with experiences in oral transmission of literature in a variety of settings.

375 STUDIES IN LITERATURE FOR ADOLESCENTS 3 F,S
Jr/sr standing or cons dept chair req. May repeat if content different.
Advanced critical examination of literature for young adults with emphasis on trends and research.

378 SHAKESPEARE ON STAGE 3 Summer
C or better in ENG 100 and jr/sr standing or cons dept chair req. May repeat; max 6 hrs. Also offered as THE 378.
An intensive study of Shakespeare's plays in production. For the student with adequate familiarity with Shakespeare and his works.

381 STUDIES IN LITERARY GENRES 3
C or better in ENG 100 and jr/sr standing or cons dept chair req. May be repeated if content different.
Systematic study of theory and practice of a literary type or genre.

382 LITERARY CRITICISM 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
Historical survey of selected great texts in literary and critical theory from Plato to the present.

384 INTRODUCTION TO CULTURAL THEORY 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
Introduction to the history and practice of interpretive cultural theory.

386 THE EIGHTEENTH-CENTURY ENGLISH NOVEL 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
The English novel from its origins through the 18th century, including writers such as Richardson, Fielding, Smollett, and Sterne.

387 THE NINETEENTH-CENTURY ENGLISH NOVEL 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
The English novel between 1800 and 1900, treating writers such as Austen, Thackeray, Dickens, Eliot, and Hardy.

388 THE TWENTIETH-CENTURY ENGLISH NOVEL 3
C or better in ENG 100 and jr/sr standing or cons dept chair req.
The English novel since 1900, treating writers such as Lawrence, Woolf, Joyce, and Greene.

390 RESEARCH STUDIES IN LANGUAGE ARTS 3
Jr/sr standing or cons dept chair req.
Critical study of current practice and research in language arts and language development.

391 SURVEY OF CLASSICAL RHETORIC 3 F
C or better in ENG 100 and jr/sr standing or cons dept chair req.
Rhetorical theories from ancient Greece to 1900, emphasizing Plato, Aristotle, Cicero, and Quintilian.

392 MODERN THEORIES OF RHETORIC 3 S
C or better in ENG 100 and jr/sr standing or cons dept chair req.
Study of the principles of rhetoric to serve as basis for understanding contemporary rhetorical theories.

394 TESOL PRACTICUM 1-6
ENG 345 req.
Observation, case studies, tutoring, instructional assistance, and/or direct instruction in English as a Second Language.

395 PROBLEMS IN THE TEACHING OF ENGLISH 3
C or better in ENG 100 and jr/sr standing or cons dept chair req or experience in teaching (student teaching acceptable). May repeat if topic differs
Theory and practice in the teaching of language, literature, and composition at the secondary and community college levels.

396 THE WRITING SEMINAR 3 F,S
ENG 246 or grad standing or cons dept chair req. Jr/sr standing.
Concentration upon a major writing project and the formulation of an individual Writing Portfolio.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN ENGLISH 1-6 F,S
Cons inst and dept chair req. May repeat; max 6 hrs toward maj/min; max 16 hrs toward graduation.
Supervised field experience in English with local, state, national, and international businesses, agencies, institutions (including colleges and universities), and organizations.

FOREIGN LANGUAGES (FOR) 430

114 Stevenson Hall, (309) 438-3604

Web address: www.foreignlanguages.ilstu.edu
Email address: foreignlanguages@ilstu.edu

Chairperson: Kimberly Nance.
Tenured/Tenure-track Faculty:
Distinguished Professors: Bohn, Urey.
Professors: Alstrum, Reid, Thomas, Trouille, VanderLaan, Weeks.
Associate Professors: Mir, Nance, Pancrazio, Pao, Segelcke.
Assistant Professors: Burningham, Druker, Heggie, Huempfner, Palmer.

CAS

General Department Information

HONORS IN FOREIGN LANGUAGES

The Department invites highly qualified majors (or double majors) to distinguish themselves by earning honors in French, German, or Spanish. To be admitted to the program a student must: (1) have completed 60 hours of university-level work; (2) be a declared major or double major in Foreign Languages; and (3) have a minimum overall GPA of 3.30 with a GPA of 3.60 in the chosen language.

In order to graduate with departmental honors a student must:(1) complete the general requirements for the major; (2) maintain an overall GPA of 3.30 and a GPA of 3.60 in the major language; (3) complete 9 hours of in-course honors work at the 300-level in the major; (4) complete an honors thesis while enrolled as a senior in either FOR 299, Independent Honors Study, or FOR 395, Senior Seminar; (5) fulfill the general requirements for participation in the University Honors Program. Students interested in participating may obtain additional information from the Director of the Honors Program in Foreign Languages. The Department also offers in-course honors work for students enrolled in the University Honors Program at the discretion of the instructor.

ASSOCIATED MINORS

The Department of Foreign Languages participates in the minors in Cognitive Science, Ethnic and Cultural Studies, International Studies, and Latin American, Caribbean, and Latino/a Studies. For further information, please consult the Department advisor as well as the section entitled "University-Wide Curriculum" in this *Undergraduate Catalog*.

MINOR IN EAST ASIAN STUDIES

Advisor: Roger Thomas
Office: 134 Stevenson Hall
Phone: (309) 438-7982

The Minor in East Asian Studies provides an interdisciplinary approach to exploring the languages, politics, society, and cultures of countries in East Asia. Two tracks are available: a language track, emphasizing language and culture; and an interdisciplinary track, emphasizing the

socio-political and cultural dynamics of the countries located in the region and their roles in the world.

Course requirements:

The plan of study must be created in consultation with the East Asian Studies advisor.

— 24 hours required.
— Required courses for all students: two-year sequence in an East Asian language; either Chinese 111, 112, 115, and an additional course approved by the advisor, or Japanese 111, 112, 115, 116.
— Choose one option:
— **Option 1: Language Track**: FOR (JPN) 231, 232, and one elective from any elective group.
— **Option 2: Interdisciplinary Track**: In consultation with the East Asian Studies advisor, sufficient electives from at least three of the following groups:

A. Department of Foreign Language: FOR (JPN) 111, 112, 115, 116, 231, 232; FOR (CHI) 111, 112, 115;
B. Department of History: HIS 104.02, 269, 275, 276, 373, 375;
C. Department of Politics and Government: POL 140, 245, 345;
D. Department of Philosophy: PHI 208;
E. Department of Sociology and Anthropology: ANT 294;
F. School of Music: MUS 275.01;
G. Interdisciplinary Studies: IDS 203.10

See course descriptions by department. Other electives, including coursework taken abroad, may be counted toward the minor with prior approval of the minor advisor.

MINOR IN COMPARATIVE LITERATURE

— 19 hours required.
— A maximum of 9 hours may overlap with a major in English or Foreign Languages.
— Foreign Language requirement (4 hours): FOR 116 or equivalent.
— Required core (3 hours): ENG/FOR 256.
— Core Comparative Literature electives (6 hours) 2 of the following: ENG/FOR 257, 258, 259.
— Foreign Language literature course (3 hours): 1 of the following FOR courses: FR 220, 221, 222; GER 211, 222; LAT 221, 222; SPA 233, 323, 324, 325 or any FOR literature course at the 300-level.
— Elective (3 hours) 1 of the following: ENG/FOR 257, 258 or 259 (if not used to fulfill the core requirement); a second FOR literature course from the list above; ENG 252, 255 or 352.
— Minimum 2.50 GPA in FOR 111-116.

MINOR IN FOREIGN LANGUAGES IN THE ELEMENTARY SCHOOL (FLES)

For advisement, please contact the Department of Foreign Languages.

The Minor in Foreign Languages in the Elementary School (FLES) is designed primarily for Elementary Education majors who plan to teach a foreign language as part of the elementary school curriculum. Students take courses in a single target language and a course in FLES methodology, including practicum experience. Completion of the minor constitutes completion of the 18 hour area requirement for Elementary Education.

— A minimum of 23 and a maximum of 31 hours required. The number of hours required for the FLES minor depends on the level at which a student begins the program. Students with no previous foreign language study begin with FOR 111 and complete 31 hours; students with 2 years of high school foreign language (or equivalent) begin with FOR 112 and must complete 27 hours beyond 111; students with 3 or more years of foreign language begin at 115 and must complete 23 hours beyond 112. Consult the Foreign Languages advisor if additional placement information is needed.

Student may complete the FLES minor in French, German, Japanese, or Spanish:

— Required courses for French FLES: FR 111, 112, 115, 116, 213, 214, 220 or 305, 235; FOR 355.
— Required courses for German FLES: GER 111, 112, 115, 116, 211, 213, 217, 218; FOR 355.
— Required courses for Japanese FLES: JPN 111, 112, 115, 116, 231, 232, 285; FOR 355 and 3 approved elective hours.
— Required courses for Spanish FLES: SPA 111, 112, 115, 116, 213, 214, 223, 243 or 244; FOR 355.
(FOR 214 not for credit if have ACTFL speaking score of Advanced. See Foreign Language advisor for substitute courses.)
20 clinical hours of types 1, 2, 4, and 5, usually taken while enrolled in FOR 355.

French Programs

Degree Offered: B.A.

MAJOR IN FRENCH

— A minimum of 35 hours and maximum of 43 hours in French are required. The number of hours required for the Major in French depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 43 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 39 hours beyond 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 35 hours beyond 111 and 112.
— Required courses: FR 115, 116, 213, 214, 220, 235, 395, two out of 221, 222, 305, plus 6 elective hours at the 300-level or above including at least one 300-level literature course.

Teacher Certification Sequence:

— A minimum of 38 hours and a maximum of 46 hours in French are required. The number of hours required for the Major in French for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 46 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 42 hours beyond 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 38 hours beyond 111 and 112.
— Required courses: FR 115, 116, 209, 213, 214, 220, 235, 305; FOR 319, 320; and either FR 221 or 222, plus sufficient electives to meet the total hour requirement as indicated previously.
— Part of entitlement program leading to K-12 (Type 10) certification.
— Recommended electives: FR 340, 395; FOR 321.

MINOR IN FRENCH

— 25 hours in French required.
— Required courses: FR 111, 112, 115, 116, 213; plus sufficient electives to meet the 25-hour requirement.

MINOR IN FRENCH

For Teacher Education:

— A minimum of 27 and a maximum of 35 hours in French are required. The number of hours required for the Minor in French for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in French begin the language with FR 111 and must complete 35 hours. Students with 2 years of high school French (or equivalent) normally begin with FR 112 and must complete 31 hours beyond 111. Students with 3 years of high school French (or equivalent) normally begin with FR 115 and must complete 27 hours beyond 111 and 112.
— Required courses: FR 115, 116, 209, 213, 214; FOR 319; plus sufficient electives to meet the total hour requirements as indicated above.
— Recommended electives: FR 220, 221, 222, 235, 340; FOR 320, 321.

German Programs

Degree Offered: B.A.

MAJOR IN GERMAN

— 35-43 hours in German required. The number of hours required for the Major in German depends on the level at which the student begins the program. Students with no previous study in German begin in 111 and are required to complete 43 hours. Students with 2 years of high school German or equivalent normally begin with 112 and are required to complete 39 hours, exclusive of 111. Students with 3 years of high school German or equivalent normally begin in 115 and are required to complete 35 hours, exclusive of 111 and 112.
— Required courses: GER 115, 116, 211, 213, 217, 218, 222, 310, 385, and 1 literature course at the 300-level, plus sufficient electives to meet the total hour requirement indicated above.

Teacher Certification Sequence:

— 38-46 hours in German required. Part of entitlement program leading to K-12 (Type 10) certification.
— Required courses: GER 115, 116, 211, 213, 217, 218, 222, 310; FOR 319, 320; and 1 literature course at the 300-level, plus sufficient electives to meet the total hour requirement indicated below.
— Recommended electives: GER 302, 318, 332, 385; FOR 321.
— The number of hours required for the Major in German for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in German begin the language with GER 111 and are required to complete 46 hours. Students with 2 years of high school German (or equivalent) normally begin with GER 112 and are required to complete 42 hours, exclusive of 111. Students with 3 years of high school German (or equivalent) normally begin with GER 115 and are required to complete 38 hours, exclusive of 111 and 112.

MINOR IN GERMAN

— 25 hours in German required.
— Required courses: GER 111, 112, 115, 116, 211, 213, plus sufficient electives to meet the 25-hour minimum.

MINOR IN GERMAN

For Teacher Education:

— 27-35 hours in German required.
— Required courses: German 115, 116, 211, 213, 217, 218; FOR 319, plus sufficient electives to meet the total hour requirement indicated previously.
— Recommended electives: GER 222, 310, 332; FOR 320, 321.
— The number of hours required for the Minor in German for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in German begin the language with GER 111 and are required to complete 35 hours. Students with 2 years of high school German (or equivalent) normally begin with GER 112 and are required to complete 31 hours, exclusive of 111. Students with 3 years of high school German (or equivalent) normally begin with GER 115 and are required to complete 27 hours, exclusive of 111 and 112.

Italian Programs

MINOR IN ITALIAN STUDIES

Advisor: Johnathan Druker,
Department of Foreign Languages

— 25 hours in Italian and related courses required.

— Required courses: ITN 111, 112, 115, 116, plus three elective courses to meet the 25-hour requirement.
— Approved electives: ITN 221, ITN 222; HIS 221, HIS 224; ART 375 or others approved by the Department.
— Other courses taken in Italy may be counted toward the minor with prior approval of the minor advisor.

Latin Programs

MINOR IN LATIN

— 25 hours in Latin and related courses required.
— Required courses: LAT 111, 112, 115, 116 plus sufficient electives to meet the 25-hour minimum.
— Electives: FOR 106; HIS 221; LAT 221, 222; PHI 254; ART 368, or others approved by the Department.

MINOR IN LATIN

For Teacher Education:

— Program requirements are the same as those for the Minor in Latin.
— Students not majoring in Foreign Languages Education are encouraged to take FOR 319.

Spanish Programs

Degree Offered: B.A.

MAJOR IN SPANISH

— A minimum of 34 hours and a maximum of 43 hours in Spanish required. The number of hours required for the Major in Spanish depends on the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 43 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 39 hours beyond 111. Students with 3 years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 35 hours beyond SPA 111 and 112.
— Required courses: SPA 115, 116 or 120, 213, 215, 223, 233, 395, and 2 of the following 6: SPA 243, 244, 262, 323, 324, 325; plus 2 of the following: 305, 336, 337, 360, 385, 395 (may be repeated if content different).
— Recommended electives: SPA 214 (not for credit if have ACTFL speaking score of Advanced).

Teacher Certification Sequence:

— Part of entitlement program leading to K-12 (Type 10) certification.
— A minimum of 37 hours and a maximum of 46 hours in Spanish required. The number of hours required for the Major in Spanish for Teacher Certification depends upon the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 46 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 42 hours beyond 111. Students with 3 years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 38 hours beyond SPA 111 and 112.
— Required courses: SPA 115, 116 or 120, 213, 215, 223, 233, 243, 244; FOR 319, 320; plus sufficient electives to meet the total hour requirement previously indicated.
— Recommended electives: SPA 214, 323, 324, 325, 395, (214 not for credit if have ACTFL speaking score of Advanced); FOR 321.

MINOR IN SPANISH

— 24 hours in Spanish required.
— Required courses: SPA 111, 112, 115, 116 or 120, 213, 214 or 223 (214 not for credit if have ACTFL speaking score of Advanced), SPA 215 or 233, plus sufficient electives to meet the total hour requirement previously indicated.
— Recommended elective: SPA 223, if not taken to fulfill requirement.
— The Department reserves the right to limit the number of minors in times of oversubscription.

MINOR IN SPANISH

For Teacher Education:

— A minimum of 26 and a maximum of 35 hours in Spanish required. The number of hours required for the Minor in Spanish for Teacher Certification depends on the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 35 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 31 hours beyond SPA 111. Students with three years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 27 hours beyond SPA 111 and 112.
— Required courses: SPA 115, 116 or 120, 213, 214 or 223, 215 or 233; FOR 319; plus sufficient electives to meet the total hour requirement previously indicated.
— Recommended electives: SPA 214, 243, 244 305 (214 not for credit if have ACTFL speaking score of Advanced); FOR 319, 320, 321.

— The Department reserves the right to limit the number of minors in times of oversubscription.

Teacher Education Requirements:

Students seeking a Teacher Education degree must complete University-Wide Teacher Education program requirements. These include a minimum GPA of 2.75 in the major. All Teacher Education majors must complete FOR 319 and 320. FOR 319 is taken in the fall semester and 320 in the spring semester of the junior or senior year. Teacher Education students are encouraged to apply for Admission to Professional Studies as soon as they have completed 30 hours, and must complete the Professional Education course work, the state of Illinois General Education requirements for

Teacher Certification or Illinois State University's General Education Program in its entirety and all other Teacher Education requirements (See College of Education section of the *Undergraduate Catalog).*

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Foreign Languages Courses

Consult the *Course Registration Directory* on iCampus at www.icampus.ilstu.edu to determine which courses will be offered in a given semester.

For those languages which have no specific placement recommendations listed in this *Undergraduate Catalog*, students who have had no prior instruction in a foreign language, or 1 year of instruction, should enroll in the 111 course for the appropriate language. Students who have had 2, 3, or 4 years generally enroll in 112, 115, or 116 respectively. If prior language study took place more than 1 year earlier, a student may choose to enroll at a lower level. Transfer students and native speakers should consult with the Department's academic advisor to determine proper placement.

CREDIT FOR ACQUIRED PROFICIENCY (CAP)

If the first Foreign Languages course in which a student enrolls is above 111 in the regular sequence (112, 115, 116 or above), he or she may be eligible for proficiency acquired elsewhere. Student must apply for CAP by filling out a short form in the Department of Foreign Languages.

Credit toward graduation for acquired proficiency will be granted upon completion at Illinois State University of 1 course (excluding Independent Study) with the grade of C or better. It is recommended that the course be taken as soon as possible after matriculation at Illinois State University. Students are reminded that no course in the major or minor may be taken under the CT/NC option.

Students beginning at the 112-level and fulfilling the previous requirements will be granted 4 hours of CAP. Students beginning at the 115-level or above and fulfilling the above requirements will be granted 8 hours of CAP.

300-Level Foreign Languages Courses:

Instruction in courses in literature and culture of the major fields of specialization (French, German, Spanish) will be given in the language of specialization whenever possible.

General Courses

106 MYTH AND MEANING OC-H 3 F,S
ENG 101; COM 110 req. MC-LH category rec.
Major myths of the world; their nature, origins, cultural significance, interpretation, and relevance today.

125 LITERARY NARRATIVE MC-LH 3 F,S
ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as ENG 125.
Critical reading and analysis of a variety of literary narratives that reflect on human experience.

128 GENDER IN THE HUMANITIES MC-LH 3 F,S
ENG 101; COM 110 or conc reg req. May not be taken under the CT/NC option. Also offered as COM/ENG 128.
Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures.

143 UNITY AND DIVERSITY IN LANGUAGE OC-SS 3 F,S
Inner Core req. Also offered as ANT/ENG 143.
Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

206 CULTURAL EXPRESSIONS IN SOCIAL CONTEXTS: WOMEN OF ASIA, LATIN AMERICA AND AFRICA OC-H 3 F,S
ENG 101; COM 110 req. MC-IS category req. WS 120 rec. Also offered as ENG 206.
Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern.

256 INTRODUCTION TO COMPARATIVE LITERATURE 3 F,S
FOR 115, Second Year Language (Part I) req. May repeat if content differs. Formerly THEORIES AND METHODS OF COMPARATIVE LITERATURE. Also offered as ENG 256.
An introduction to the theories and methods of the study of comparative literature.

257 HISTORICAL APPROACHES TO COMPARATIVE LITERATURE 3 F,S
FOR 115, Second Year Language (Part I) req. May repeat if content differs. Also offered as ENG 257.
Comparative study of world literatures by or across historical period(s).

258 CROSS-CULTURAL APPROACHES TO COMPARATIVE LITERATURE 3 F,S
FOR 115, Second Year Language (Part I) req. May repeat if content differs. Also offered as ENG 258.
Study of world literatures through comparison of works from differing cultural spheres and/or geographic areas.

259 CONCEPTUAL APPROACHES TO COMPARATIVE LITERATURE 3 F,S
FOR 115, Second Year Language (Part I) req. May repeat if content differs. Also offered as ENG 259.
Comparative study of world literatures organized by theme or theoretical focus.

292 CAREERS IN FOREIGN LANGUAGES 1 F,S
Foreign Language maj/min only. Formerly CAREER DEVELOPMENT FOR FOREIGN LANGUAGE MAJORS.
Provides students with career information and job search techniques.

300 RESEARCH IN FOREIGN LANGUAGES 1-3 F,S
Cons dept chair req. May repeat if content differs.
Supervised work in a foreign literature, in comparative language studies, or in educational materials for foreign language laboratory. Assignments will depend on the preparation and interest of the student.

319 PRINCIPLES IN FOREIGN LANGUAGE LEARNING 4 F
FR 235 or SPA 213 or 215 or 310 or GER 310 or conc reg req. C or better in C&I 210 or C&I 216 or conc reg req. Incl Clin Exp: 35 hrs, Type 1, 2, 5, 9, 10. Adm to Professional Studies req.
Discussion of recent scholarship, standards-based instruction and methods of teaching, integrated with field experiences.

320 FOREIGN LANGUAGE TEACHING IN THE SECONDARY SCHOOL 2 S
C or better in FOR 319 req. Incl Clin Exp: 12 hrs, Type 1, 5, 10. Adm to Professional Studies req.
Methods of teaching foreign languages in the secondary school. Special emphasis is given to materials and activities leading to mastery.

321 INTEGRATING TECHNOLOGY INTO THE FOREIGN LANGUAGE CLASSROOM 2 S
C or better in C&I 216 or PSY 215 or conc reg req. COM 240 rec. Formerly MEDIA MATERIALS AND USE IN THE TEACHING OF FOREIGN LANGUAGES.
Supplementing the basic methodology of Foreign Language teaching with media materials and the techniques for their use in the language classroom.

350 FOREIGN LANGUAGE TESTING AND ASSESSMENT 3 F,S
FR, GER, or SPA 213 or equivalent; foreign language proficiency req; FOR 319 rec.
Exploration of development and uses of language tests according to current views of foreign language teaching.

355 ELEMENTARY SCHOOL FOREIGN LANGUAGE METHODS 3 F,S
FR, GER, or SPA 213 or equivalent; foreign language proficiency req.
Development of skills for teaching foreign languages in the elementary school in the context of various program models.

398 PROFESSIONAL PRACTICE: INTERNSHIPS AND COOPERATIVE EDUCATION IN FOREIGN LANGUAGE 1-16 F,S,Summer
Complete dept application procedure. Max 16 hrs toward graduation. Depending upon nature of placement, dept may allow 1-4 hrs to count toward maj/min in language used. May be repeated.

Chinese Courses

111 FIRST-YEAR CHINESE (PART I) 4 F
Introductory Chinese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

112 FIRST-YEAR CHINESE (PART II) 4 S
Chinese 111 or cons inst req.
Continuation of Introductory Chinese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

115 SECOND-YEAR CHINESE (PART I) 4 F
Chinese 112 or cons inst req.
Review of basic grammatical patterns, vocabulary building, development of reading and writing abilities.

French Courses

111 FIRST-YEAR FRENCH (PART I) 4 F,S
Not rec if student had 3 yrs of high school French. Not for cr if had FR 115 or 116.
Pronunciation, essentials of grammar; exercises in hearing, speaking and writing French; reading material of graded difficulty.

112 FIRST-YEAR FRENCH (PART II) 4 F,S
Not for cr if had FR 115 or 116.
Continuation of Part I.

115 SECOND-YEAR FRENCH (PART I) 4 F,S
FR 112 or high school French equivalent req.
Class reading of short stories, plays, and essays. Grammar review, oral and written composition.

116 SECOND-YEAR FRENCH (PART II) MC-LH 4 F,S
ENG 101 req if course taken as part of Gen Ed program. FR 115 req.
Continuation of FR 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition.

209 FRENCH PHONETICS 3 F or S
FR 116 req. Formerly FR 309.
Scientific approach to French pronunciation, correct formation of French sounds, practical application of the theory of phonetics.

213 ADVANCED TECHNIQUES IN WRITTEN FRENCH 3 F,S
FR 116 req.
Written communication skills in French. Formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building. Grammar review.

214 ADVANCED FRENCH CONVERSATION AND CONTEMPORARY CULTURE 3 F,S
FR 116 req.
Introduction to contemporary French culture and development of oral communication and listening skills.

220 ADVANCED FRENCH READING AND VOCABULARY SKILLS 3
FR 116 req. FR 213 or conc reg rec.
Vocabulary building through the reading and discussion of representative French poems, plays, and prose texts. Grammar review.

221 SURVEY OF FRENCH LITERATURE I 3
FR 220 req.
French literature from the Middle Ages to the 18th century.

222 SURVEY OF FRENCH LITERATURE II 3
FR 220 req. May be taken before FR 221.
French literature of the 19th and 20th centuries.

235 ADVANCED FRENCH GRAMMAR 3
2 courses beyond FR 116 req. FR 213 and 220 rec.
Systematic study of the morphology and syntax of the modern French language.

305 HISTOIRE DE LA CIVILISATION FRANCAISE 3
2 courses beyond FR 116 req. May repeat if content differs.
Survey of French culture and civilization from ancient times to the present day.

314 STUDIES IN CONTEMPORARY FRENCH AND FRANCOPHONE CULTURE 3
2 courses beyond FR 116 req. May repeat if content differs.
Selected themes in contemporary French and Francophone culture and society with an emphasis on group work, class discussion, and oral presentations.

325 SELECTED TOPICS IN FRANCOPHONE LITERATURE AND CULTURE 3
2 courses beyond FR 116 req. May repeat if content differs.
Readings of representative literary works in their cultural contexts written in French by authors residing outside France.

326 SELECTED TOPICS IN FRENCH MEDIEVAL AND RENAISSANCE LITERATURE AND CULTURE 3
2 courses beyond FR 116 req. May repeat if content differs.
Representative authors, genres, and movements before 1700 studied in their political, philosophical, and sociocultural contexts.

327 SELECTED TOPICS IN SEVENTEENTH- AND EIGHTEENTH-CENTURY FRENCH LITERATURE AND CULTURE 3
2 courses beyond FR 116 req. May repeat if content differs.
Readings of representative seventeenth- and/or eighteenth-century literary texts in their cultural (philosophical, political, social, economic, and/or historical) contexts.

328 SELECTED TOPICS IN NINETEENTH- AND TWENTIETH-CENTURY FRENCH LITERATURE AND CULTURE 3
2 courses beyond FR 116 req. May repeat if content differs.
Readings of representative nineteenth- and/or twentieth-century literary texts in their cultural (philosophical, political, social, economic, and/or historical) contexts.

335 COMPARATIVE FRENCH/ENGLISH GRAMMAR AND STYLE 3
FR 235 or cons inst req.
Intensive, advanced, comparative grammar, and composition, including analysis of stylistic differences between French and English.

340 INTRODUCTION TO APPLIED FRENCH LINGUISTICS 3 F,S
FR 235 req.
Principles and methods of objective language analysis applied to relevant issues in the French language and the teaching of French.

385 SELECTED TOPICS IN FRENCH LITERATURE 3
2 courses beyond FR 116 req. May repeat if content differs.
Intensive study of a genre, group of authors or a single major writer in French literature. This study varies each semester.

395 SENIOR SEMINAR 3 S
Sr standing in the major req.
Close reading and analysis of literary texts representative of the major genres and literary periods, in their sociohistorical contexts.

German Courses

111 FIRST-YEAR GERMAN (PART I) 4 F
Not rec if student had 3 yrs high school German. Not for cr if had GER 115 or 116.
Pronunciation, essentials of grammar, reading materials of graded difficulty, oral and written exercises.

112 FIRST-YEAR GERMAN (PART II) 4 S
Not rec if student had 3 years high school German. Not for cr if had GER 115 or 116.
Continuation of Part I.

115 SECOND-YEAR GERMAN (PART I) 4 F
GER 112 or 2 yrs high school German req.
Class reading of short stories, plays and essays. Grammar review, oral and written composition.

116 SECOND-YEAR GERMAN (PART II) MC-LH 4 S
ENG 101 req if course taken as part of Gen Ed program. GER 115 req.
Continuation of GER 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition.

211 INTRODUCTION TO GERMAN LITERATURE 3
GER 116 or equivalent req.
Readings and analysis of selected short stories, plays, poetry, and other literary forms as first general introduction to German literature.

213 INTERMEDIATE GERMAN COMPOSITION 3
GER 116 or cons dept chair req.
Study of written communication skills in German, vocabulary building, correct phrasing and style, writing strategies, use of dictionaries and reference materials.

217 GERMAN CULTURE AND CIVILIZATION 3
GER 116 or cons dept chair req.
Overview of German culture from the beginning to World War I as derived from selected readings and class discussions.

218 CONTEMPORARY ISSUES OF THE GERMAN-SPEAKING COUNTRIES 3
GER 116 or cons dept chair req. Formerly GERMANY TODAY.
Development of advanced German skills in reading, writing, speaking, and listening through a study of contemporary issues of the German-speaking countries since World War I, as reflected in essays and articles.

222 SURVEY OF GERMAN LITERATURE 3
GER 116 or cons dept chair req.
Reading and discussion of representative works of the most important authors from the early 19th century to the present.

302 GOETHE 3
2 courses beyond GER 116 req.
Reading and discussion of a number of major works.

310 ADVANCED STUDY OF THE GERMAN LANGUAGE 3
GER 213 or cons dept chair req. Not for cr if had GER 309.
The study of linguistic concepts and their advanced application through the integration of practical work to improve language skills with appropriate theoretical topics in linguistics.

311 THE GERMAN NOVELLE 3
Two 200-level German courses req.
Study of selected Novellen from Goethe and the Romantics through Poetic Realism and Naturalism to the 20th century.

318 GOETHE'S FAUST 3
2 courses beyond GER 116 req.
Critical study of Parts I and II of Faust. Lectures, readings, and reports.

332 GERMAN LYRIC POETRY 3
2 courses beyond GER 116 or cons dept chair req.
Reading and interpretation of German lyric poetry from 800 A.D. to the present.

385 SELECTED TOPICS IN GERMAN LITERATURE OR CULTURE 3
2 courses in German lit req. May repeat if content differs. Formerly SELECTED TOPICS IN GERMAN LITERATURE.
Intensive study of a theme, genre, including film, group of authors, or a single major writer in German literature.

Greek Courses

111 FIRST-YEAR CLASSICAL GREEK (PART I) 4
The Greek alphabet, pronunciation, essentials of grammar, translation of reading material of graded difficulty, exercises in writing Classical Greek, consideration of the Greek element in English.

112 FIRST-YEAR CLASSICAL GREEK (PART II) 4
Continuation of Part I.

Italian Courses

111 FIRST-YEAR ITALIAN (PART I) 4 F
Pronunciation; essentials of grammar; exercises in comprehending, speaking, and reading material of graded difficulty.

112 FIRST-YEAR ITALIAN (PART II) 4 S
Continuation of Part I.

115 SECOND-YEAR ITALIAN (PART I) 4 F
ITN 112 or cons dept chair req.
Continued development of aural-oral skills, reading and writing in Italian.

116 SECOND-YEAR ITALIAN (PART II) MC-LH 4 S
ENG 101 req if course taken as part of Gen Ed program. ITN 115 or cons dept chair req.
Continuation of ITN 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition.

221 ADVANCED ITALIAN CONVERSATION AND CONTEMPORARY SOCIETY 3 F
ITN 116 or equiv req.
Study of issues in contemporary Italian society; refinement of oral skills and reading comprehension.

222 INTRODUCTION TO MODERN ITALIAN LITERATURE AND FILM 3 S
ITN 116 or equiv req.
Study of representative modern literary texts; viewing and analysis of significant Italian films; advanced grammar and composition.

Japanese Courses

111 FIRST-YEAR JAPANESE (PART I) 4 F
Introductory Japanese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

112 FIRST-YEAR JAPANESE (PART II) 4 S
JPN 111 req.
Continuation of introductory Japanese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

115 SECOND-YEAR JAPANESE (PART I) 4
JPN 112 or cons dept chair req.
Review of basic grammatical patterns, vocabulary building, development of reading and writing abilities.

116 SECOND-YEAR JAPANESE (PART II) MC-LH 4 F,S
ENG 101 req if course taken as part of Gen Ed program. JPN 115 or cons dept chair req.
Continuation of JPN 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition.

231 JAPANESE CONVERSATION AND COMPOSITION 3 F
JPN 116 or cons dept chair req.
Further development of written and oral skills through guided conversations and compositions on topics from contemporary Japanese civilization.

232 ADVANCED JAPANESE READING AND COMPOSITION 3 S
JPN 231 or cons dept chair req.
Development of reading fluency and writing proficiency in modern Japanese through study of unadapted texts, including selections from modern fiction.

Latin Courses

111 FIRST-YEAR LATIN (PART I) 4
Pronunciation; essentials of grammar; reading graded material; exercises in writing easy Latin; consideration of the Latin element in English.

112 FIRST-YEAR LATIN (PART II) 4
Continuation of Part I.

115 SECOND-YEAR LATIN (PART I) 4
LAT 112 or high school Latin equivalent or cons dept chair req.
Review of Latin fundamentals. Practice in writing simple Latin. Reading beginning with graded Latin selections and progressing to selections from various authors.

116 SECOND-YEAR LATIN (PART II) MC-LH 4
ENG 101 req if course taken as part of Gen Ed program. LAT 115 req.
Continuation of Part I. Class reading of short stories, plays, and essays. Grammar review, oral and written composition.

221 SURVEY OF LATIN LITERATURE I 3 F
LAT 116 or 4 yrs high school Latin or cons dept chair req.
Reading and discussion of the most important Republican authors from Plautus to Catullus.

222 SURVEY OF LATIN LITERATURE II 3 S
LAT 116 or 4 yrs high school Latin or cons dept chair req.
Reading and discussion of the most important Imperial authors from Livy to Juvenal.

Spanish Courses

Heritage speakers of Spanish should consult the Department for further information.

111 FIRST-YEAR SPANISH (PART I) 4 F,S
Not rec if student had 3 yrs high school Spanish. Not for cr if had SPA 115, 116 or 120.
Fundamentals of grammar. Practice in speaking, understanding, reading and writing Spanish.

112 FIRST-YEAR SPANISH (PART II) 4 F,S
Not rec if student had 3 yrs high school Spanish. Not for cr if had SPA 115, 116 or 120.
Continuation of Part I.

115 SECOND-YEAR SPANISH (PART I) 4 F,S
SPA 111 and 112 or equivalent req.
Review of Spanish grammar, vocabulary building, oral and written practice.

116 SECOND-YEAR SPANISH (PART II) MC-LH 4 F,S
ENG 101 req if course taken as part of Gen Ed program. SPA 115 req. Can be taken conc with SPA 213.
Continuation of SPA 115. Class reading of short stories, plays, and essays. Grammar review and oral proficiency emphasized. This course is writing intensive.

120 INTRODUCTION TO ACADEMIC SPANISH FOR SPANISH SPEAKERS MC-LH 3 F,S
Ability to speak Spanish at the high intermediate level, sufficient to carry on informal everyday conversations fluently. Not for cr if had 116.
Introduction to the basics of grammar, spelling, and vocabulary of formal academic Spanish for students who already speak Spanish.

213 SPANISH GRAMMAR 3 F,S
C or better in SPA 116 or 120 req. C or better in 115 if taken conc with 116 or 120. Formerly ADVANCED SPANISH GRAMMAR.
Detailed study of Spanish grammar emphasizing technical and stylistic aspects of native language patterns.

214 CONVERSATION AND CULTURE IN SPANISH 3
C or better in SPA 116 or 120 req. Not for cr if have ACTFL speaking score of Advanced. Formerly ADVANCED TECHNIQUES IN SPOKEN SPANISH.
Focus on oral communication skills: topics will emphasize cultures in Spain, Latin American and Spanish-speaking regions of the United States.

215 INTRODUCTION TO SPANISH LINGUISTICS 3 F,S
SPA 213 or cons inst req. Formerly SPA 309.
Principles and methods of objective language analysis applied to relevant issues in Spanish.

223 ADVANCED SPANISH COMPOSITION 3 F,S
C or better in SPA 116 or 120 req.
Study of advanced composition skills in Spanish, including formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building.

233 INTRODUCTION TO HISPANIC LITERATURE 3
SPA 213 or 223 req.
Reading and analysis of representative poems, plays and prose texts as first general introduction to Spanish and Spanish-American literature.

240 BUSINESS SPANISH 3
C or better in SPA 116, 120 req; SPA 213 or 223 rec.
Development of practical language skills needed for doing business in the Spanish speaking world from a cultural and commercial perspective.

243 CULTURA ESPAÑOLA 3
C or better in SPA 116 or 120 req. Formerly CIVILIZACIÓN ESPAÑOLA.
Spanish customs and institutions in their historical perspective.

244 CULTURA HISPANOAMERICANA 3
C or better in SPA 116 or 120 req. Formerly CIVILIZACIÓN HISPANOAMERICANA
Cultural life and customs of Spanish-speaking countries in the Americas.

262 EXPLAINING SPANISH GRAMMAR 3
SPA 215 or cons inst req. Formerly 310 SPANISH SYNTAX.
Advanced study of contrasts in Spanish and English grammar, with a focus on explaining the differences.

301 SERVING SPANISH-SPEAKING POPULATIONS 3 F,S,Summer
Adm to a maj and completion of at least 2 courses in maj req (may sub prof exp with cons of inst). Not for cr SPA maj/min.
Basic Spanish for initial professional encounters with Spanish-speaking populations, examination of linguistic and cultural issues that affect professional effectiveness.

305 CURRENT TOPICS IN HISPANIC CIVILIZATION AND CULTURE 3
SPA 217 or 218 or 243 or 244 req. May be repeated if content different.
Recent trends, issues and changes in Spanish-speaking world. Varying topics and pedagogical strategies for teaching culture.

323 SPANISH LITERATURE: MEDIEVAL AND RENAISSANCE 3 F,S
FOR 233 req. Formerly SPA 253 SURVEY OF SPANISH LITERATURE I.
Reading and analysis of major Spanish writers from the Medieval period through the Renaissance, in their literary and cultural contexts.

324 SPANISH LITERATURE: 18TH CENTURY TO PRESENT DAY 3 F,S
FOR 233 req. Formerly SPA 254 SURVEY OF SPANISH LITERATURE II.
Reading and analysis of major Spanish writers from the 18th century to the present day, in their literary and cultural contexts.

325 SPANISH AMERICAN LITERATURE 3 F,S
FOR 233 req. Formerly SPA 255 SURVEY OF SPANISH AMERICAN LITERATURE.
Reading and analysis of major Spanish American writers, in their literary and cultural contexts.

336 SELECTED TOPICS IN SPANISH-AMERICAN LITERATURE 3
SPA 221 or 222 or 242 or 253 or 254 or 255 req. May repeat if content differs.
Variable topics providing in-depth study of major authors, works, genres, themes, or movements.

337 SELECTED TOPICS IN PENINSULAR SPANISH LITERATURE 3
SPA 221 or 222 or 242 or 253 or 254 or 255 req. May repeat if content differs. Formerly SELECTED TOPICS IN MODERN-PENINSULAR SPANISH LITERATURE.
In-depth study of major authors, works, genres, themes, or movements in Spanish literature from the Middle Ages to the present.

360 STUDIES IN SPANISH LINGUISTICS 3 F
SPA 215 req. May repeat if content differs.
Detailed study of a particular linguistic subdiscipline of the Spanish language.

370 TOPICS IN SPANISH PEDAGOGY 3 F,S
SPA 310 req or cons inst. FOR 319 rec. May repeat if content differs.
Exploration of different pedagogical issues for the Spanish language classroom.

385 SELECTED TOPICS IN SPANISH LITERATURE 3
SPA 221 or 222 or 242 or 253 or 254 or 255 req. May repeat if content differs.
Intensive study of a genre, movement, author or work. This study varies each semester.

395 SENIOR SEMINAR 3 S
Sr standing in the language major req.
Close reading and analysis of literary texts representative of the major genres and literary periods, in their sociohistorical contexts.

GEOGRAPHY-GEOLOGY (GEO) 440

206 Felmley (309) 438-7649
Web address: www.geo.ilstu.edu/

Chairperson: David Malone.
Tenured/Tenure-track Faculty:
Professors: Day, Sublett.
Associate Professors: Hammel, Malone, Nelson.
Assistant Professors: Bloom, Budikova, Conley, Evered, Ghose, King, Peterson, Schlemper, Van der Hoven, Zintambila.

General Department Information

MAJOR IN SOCIAL SCIENCES EDUCATION

The Major in Social Sciences is administered by the Department of History in cooperation with the Departments of Economics; Geography-Geology; Politics and Government; and Sociology-Anthropology. For further information see Social Sciences Programs.

INTERDISCIPLINARY MINORS

The Department of Geography-Geology participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: Environmental Studies, Tourism Studies, and Urban Studies. For further information on these minors and their advisors, please consult the University-Wide Curriculum section of this *Undergraduate Catalog*.

HONORS IN GEOGRAPHY-GEOLOGY

The Department of Geography-Geology invites qualified Geography and Geology majors to distinguish themselves by earning Honors through approved course work and independent study. Students who enroll in the Honors program will have the opportunity to work closely with selected faculty. Those students who complete the requirements will graduate with Departmental Honors--which will be indicated on their transcript and diploma.

Admissions Requirements:

Students majoring in the Geography-Geology Department may be admitted to the Departmental Honors Program if they have (1) completed at least 45 hours of college-level courses, (2) a cumulative GPA of 3.30 and at least 3.50 in the major, and (3) are a member of the University Honors Program.

Honors Study Requirements:

In order to graduate with honors in the Geography-Geology Department, a student must complete (1) all university graduation requirements, (2) all regular requirements for the major, (3) at least 12 hours of Honors work in the major, including at least 3 hours of Honors Independent Study (GEO 299) with the other 9 hours distributed among in-course honors in Geography for Geography majors or Geology for Geology majors, (4) maintain a cumulative GPA of at least 3.30 and at least 3.50 in the major, and (5) apply to the Honors Office during the first month of the graduation semester for Honors Degree designation.

Geography Programs

Degrees Offered: B.A., B.S.

MAJOR IN GEOGRAPHY

Programs must be planned in consultation with the program advisor.

Advisor: Jill Freund Thomas (309) 438-8403

— Minimum of 43 hours required. All Geography majors should consult with program advisor concerning appropriate elective coursework in related fields. The faculty also recommends that students consider National Student Exchange and Study Abroad programs as a means of experiencing different cultural settings.
— Required courses: GEO 140, 200, 201, 204, 300, 303, 315, 398 (4 hours); 1 course from GEO 215, 220, 240, 245; 1 course from GEO 250, 255; 2 courses from GEO 150, 205, 208, 331, 332, 334, 336, 341; 1 course from 305, 308, 310, 370; 1 course from GEO 130, 276, 287 (3 hours), 304, 306 (3 hours), 351, 380.

Teacher Certification Sequence:

Advisor: Jill Freund Thomas (309) 438-8403

— Minimum of 52 hours required. Part of entitlement program leading to certification: secondary 6-12. Student should plan program in consultation with an advisor.
— Required courses: GEO 135, 140, 200, 204, 300, 303, 307, 315; 1 course from GEO 215, 220, 240, 245; 1 course from GEO 235, 250, 255; 2 courses from GEO 150, 205, 208, 265, 310, 331, 332, 334, 336, 341;
— Supporting courses required (16 hours): HIS 101 or 102, 135 or 136; SOC 106; POL 101 or 106; ECO 105.
— NOTE: To qualify for certification, the student must complete the Professional Education requirements and the General Education requirements as described in the Teacher Education Requirements-High School section of this *Undergraduate Catalog.*
— NOTE: Students desiring Middle School or Junior High employment should also complete C&I 233 and PSY 302.
— NOTE: Teacher certification students must present a 2.50 GPA to qualify for placement in student teaching and to graduate with a teacher certification degree.

MINOR IN GEOGRAPHY

— 21 hours in Geography required.
— Required courses: GEO 135 or 140; GEO 200 or 211; GEO 204; 1 course from GEO 215, 220, 235, 240, 245, 250, or 255; 1 course from GEO 150, 205, 208, 331, 332, 334, 336, 341; 1 course from GEO 300, 303, 305, 308, 310; 3 hours of electives chosen from any Geography course except GEO 265.

MINOR IN GEOGRAPHY

For Teacher Education:

— 24 hours in Geography required.
— Required courses: GEO 135 or 140; GEO 145, 204, 307; 1 course from GEO 215, 220, 235, 240, 245, 250, 255; 1 course from GEO 150, 205, 208, 331, 332, 334, 336, 341; 1 course from GEO 200 or 211; 1 course from GEO 300, 303, 305, 308, 310.

MINOR IN TOURISM STUDIES

Advisor: Jill Freund Thomas
Department of Geography-Geology
200B Felmley Hall
(309) 438-8403

Jointly developed and sponsored by the department of Geography-Geology and the School of Kinesiology and Recreation, the Minor in Tourism Studies is available to students in any undergraduate major. Students should plan their minor program with the assistance of the Tourism Studies advisor, who resides in the Department of Geography-Geology.

— 24 hours required.
— Required courses: GEO 130, 135, 215, 265; KNR 271, 272, 374; POL 140.
— Recommended courses: GEO 315; KNR 370, 377, or 380.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Geology Programs

Degrees Offered: B.S.

MAJOR IN GEOLOGY

Traditional Sequence:

— 40 hours in Geology required.
— Required courses: GEO 202, 203, 280, 285, 290, 295, 296, 395 and one of the following applied quantitative courses: GEO 360, 362, or 364.
— Required interdisciplinary courses: PHY 108 and 109 (or 110 and 111); CHE 140 or equivalent, and 141; MAT 145 and 146.
— Strongly recommended: GEO 385.

Earth and Space Science Sequence for Teacher Certification:

— 59 hours in Geology, Geography, Physics, Chemistry, and Biological Sciences required.
— Required courses: GEO 200, 201, 202, 203, 280, 285, 295 and 307.
— Required interdisciplinary courses: CHE 140; PHY 108, 205, 310; BSC 196 or 197; two of the following CHE 141, PHY 109, and BSC 197 (if not taken to satisfy the requirement); and 5-6 credit hours selected from upper division GEO science courses.
— NOTE: to qualify for certification, the student must complete the Professional Education and General Education requirements as described in the Teacher Education Requirements-High School section of this *Undergraduate Catalog.*
— NOTE: Students desiring Middle School or Junior High employment should also complete C&I 233 and PSY 302.
— NOTE: Teacher certification students must present a 2.50 GPA to qualify for placement in student teaching and to graduate with a teacher certification degree.

MINOR IN GEOLOGY

— 22 hours in Geology required.
— Required courses: GEO 102, 202 and 203.
— **NOTE:** Students wishing to minor in Geology are requested to inform the Department of their intention and to discuss their program with a Geology advisor.

Geography Courses

100 EARTH SCIENCE **3**
A geographical perspective on the natural environment. Landforms, weather, climate, soils, vegetation.

101 EARTH SCIENCE LABORATORY **1**
GEO 100, or 105, or conc reg req.
Practical application of principles of earth science through laboratory experiences emphasizing meteorology, climatology, soils, vegetation, and landforms.

130 THE TRAVELER'S WORLD 3 F
Cultural, physical, and economic aspects of the tourism industry in the United States and worldwide. Orientation to the industry as a career option.

135 WORLD GEOGRAPHY OC-SS 3 F,S
Inner Core req.
Regional studies of the peoples, languages, religions, economic activities, and settlement patterns of the world.

138 QUANTITATIVE REASONING IN THE GEOSCIENCES MC-QR 3 F,S
MAT 111 or 120 or 130 or 145, or cons inst req. May not be taken under the CT/NC option. Not for cr if had ECO 138, POL 138, PSY 138, or MQM 100.
Introduction to modern techniques used to visualize and analyze quantitative data in the geosciences.

140 HUMAN GEOGRAPHY MC-IS 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option.
Introduction to human geography emphasizing global problems, patterns, and distributions.

150 ECONOMIC GEOGRAPHY 3
Spatial distribution of a variety of activities related to production, exchange, and consumption of goods and services.

200 PHYSICAL GEOGRAPHY I 3 F
Introduction to geographic perspectives on the atmosphere and biosphere with emphasis on climatic patterns and relationships with vegetation and human activities.

201 PHYSICAL GEOGRAPHY II 3 S
GEO 200 req.
Introduction to geographic perspectives on the lithosphere and hydrosphere with emphasis on water balance.

204 DOING GEOGRAPHY 3 F,S
Formerly GEOGRAPHIC TECHNIQUES.
9 hrs Geography req.
Introduction to geographical methodology and techniques with an emphasis on development of skills in analyzing spatial data.

205 LIVING IN THE ENVIRONMENT 3 S
Formerly GLOBAL ENVIRONMENTAL ISSUES.
Completion of 45 sem hrs or equivalent or cons inst req.
The human impact on the natural environment. Emphasizes soil, wildlife, forest, mineral and fuel, water and air conservation.

208 POLITICAL GEOGRAPHY 3 F
Completion of 45 sem hrs or equivalent or cons inst req.
Introduction to the field of political geography. Emphasis on spatial patterns of political activity.

211 EARTH'S DYNAMIC WEATHER OC-SMT 3 F,S
Inner core req. MC-QR category req. Not fr cr maj. Formerly GEO 110.
Dynamic aspects of weather and climate from global to local scales with emphasis on how we gather, analyze, and understand weather information.

215 UNITED STATES 3 F
Completion of 45 sem hrs or equivalent or cons inst req.
Major regions of the United States in terms of contemporary physical, cultural, and natural resource patterns.

220 ILLINOIS 3 S
Completion of 45 sem hrs or equivalent or cons inst req.
Boundaries, physical setting, environment concerns, patterns of human occupance, regional characteristics.

235 GEOGRAPHY OF EMERGING AREAS OC-SS 3 F,S
Inner Core req. MC-IS category req.
Current cultural realities of major emerging geographic regions are examined in light of how they affect geography and how geography affects the cultures. Regions vary in different sections.

240 EUROPE 3
Completion of 45 sem hrs or equivalent or cons inst req.
Patterns of occupance and development. Emphasis on the countries of the European Union.

245 FORMER SOVIET UNION 3
Completion of 45 sem hrs or equivalent or cons inst req.
Physical resource patterns and their significance to industrial, agricultural land use, general economic, and political development.

250 AFRICA 3 F,S
Completion of 45 sem hrs or equivalent or cons inst req.
Regional study of Africa. Patterns of society as related to the natural environment.

255 ASIA 3
Completion of 45 sem hrs or equivalent or cons inst req.
Countries, regions, and peoples of Asia. Selected regions, specific localities, and special problems.

265 OUR NATIONAL PARKS 3 S
Completion of 45 sem hrs or equivalent or cons inst req.
National Parks of the United States in terms of physiography, geology, climate, flora, fauna, and scenic qualities.

300 CARTOGRAPHY 3 F
Jr/sr standing req. GEO 204 req. Drafting supplies req.
Theory and techniques regarding graphic representation of statistical data, including compilation, drafting, and reproduction of various types of thematic maps.

300.01 SOCIAL SCIENCE SEMINAR 3
SSC maj. ECO 131 or GEO 204 or HIS 200 or 296 or POL 209 or SOC 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Politics and Government, Sociology, and World History) req; completion of at least 12 hrs of senior-level SSC courses req. Also offered as ANT/ECO/HIS/POL/SOC 300.01.
An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

303 GEOGRAPHIC INFORMATION SYSTEMS 3 F,S
GEO 204 or cons inst req.
Fundamental principles of geographic information systems; emphasis on raster and vector based systems and their applications to spatial analysis.

304 GEOGRAPHIC INFORMATION SYSTEMS APPLICATIONS 3 S
GEO 303 req; MAT 120 rec.
Advanced applications in geographic information systems (GIS) with an emphasis on problem-solving, advanced GIS analysis techniques, and a survey of raster and vector based GIS software and data bases.

306 REGIONAL AND AREA STUDIES 1-9
Field work req. Cons inst req.
Intensive on-site study of particular lands, environments, cultures, and peoples.

307 TEACHING GEOGRAPHY/ EARTH SCIENCE 3 F
Teaching maj only. Adm to Professional Studies req. C or better C&I 216 or PSY 215 or conc reg req. 8 hours of Geography or Geology req. Inc Clin Exp: 35 hrs, Type 1-6, 10.
Approaches to the teaching of geography and earth science in grades 6-12.

308 QUANTITATIVE METHODS IN GEOGRAPHY 3 F
GEO 204 req; MAT 120 or equivalent rec.
Use and interpretation of basic statistical techniques in geographical problems.

310 FIELD GEOGRAPHY 3 F
9 hrs Geography and fieldwork req.
Techniques for the systematic acquisition and interpretation of geographic field data. Includes introduction to Orienteering.

315 SEMINAR IN GEOGRAPHY 3 S
Sr standing; 12 hrs Geography and field work req.
Designed to acquaint the student with career opportunities in geography and in related fields. Includes senior field problem.

331 CULTURAL GEOGRAPHY 3
GEO 135 or GEO 140 or cons inst req. Field trip req.
An advanced course in the field and methodology of cultural geography, with an emphasis on the study of place and culture in a globalizing world.

332 HISTORICAL GEOGRAPHY 3
GEO 135 or GEO 140 or cons inst req. Not for cr if had GEO 210.
An advanced course in historical geography with an emphasis on the study of concepts and ideas to understand global settlement patterns at various scales across time and space.

334 POLITICAL ECOLOGY 3
GEO 205 or cons inst req. Formerly 389.32.
Critical examination of how socio-political and economic systems, processes, and practices are linked globally with contemporary environmental problems.

336 URBAN GEOGRAPHY 3 S
Jr/sr standing req.
Internal morphology, external relationships, and other spatial aspects of cities.

341 CLIMATE AND GLOBAL ENVIRONMENTAL CHANGE 3 S
GEO 204; GEO 200 or 211; GEO 201 or cons inst req.
An overview of concepts, methods, theory and debates surrounding climate and global environmental change.

351 CARTOGRAPHIC PROCESSES 3 S
A or B in GEO 300 req. Materials charge optional.
Advanced techniques in design, production and reproduction of maps.

370 URBAN AND REGIONAL PLANNING 3 S
GEO 204 or cons inst req.
Introduction to the planning process and the major elements used in plan implementation such as zoning regulations, subdivision regulations, and the official map. Field research may be required.

383 MAPS AND MENTALITIES 3 F,S
GEO 204; or HIS 101 or 102, 135 or 136, and 200 or cons inst req. Also offered as HIS 383.
Survey of maps and their makers in Western history, from the ancient period to the present.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP IN GEOGRAPHY 1-16 Summer
100 hrs; 2.20 GPA; GEO 315; and cons dept chair req. Max 4 hrs cr toward GEO maj; 40 hrs intern/cr hr. Advance arrangements req.
Planned, supervised professional experience in a public or private organization. The experience provides an introduction to a career in geography. May be paid.

Geology Courses

102 PRINCIPLES OF GEOLOGY IC-NS 3 F,S
Not for cr maj/min. Not for cr if had GEO 105. May not be taken under the CT/NC option. Lecture and lab.
Examination of the principles of geology and the tectonic, rock, hydrologic, and geomorphic cycles in terms of assumptions, forces, products, and consequences.

202 EVOLUTION OF THE EARTH OC-SMT 3 F,S
Inner Core req. MC-QR category req. Field trip req. Not for cr if had GEO 107.
Physical, chemical, and biologic evolution of the earth system as interpreted from rock sequences, fossils, and maps. Emphasis on geologic methodology.

203 MINERALS, ROCKS, FOSSILS AND MAPS 3 F,S
IC-NS or IC-NSA req; GEO 202 or cons reg req. Lecture and lab.
Mineral, rock and fossil identification and interpretation; recognition and interpretation of structures and surface features from geologic and topographic maps.

207 NATURAL DISASTERS OC-SMT 3 F,S
Inner Core req. MC-QR category req. Not for cr Geology maj. Two 1-hour lectures; one 2-hour discussion/lab per week.
Science of earth-related natural disasters: occurrences, causes, effects, prediction, prevention, mitigation, related human activity and classic examples.

276 ENVIRONMENTAL GEOLOGY 3 S
Completion of 45 sem hrs or equivalent or cons inst req.
Recognition of geologic hazards such as earthquakes and floods. Evaluation of geologic resources and the legal and geologic limitation of resource utilization.

280 MINERALOGY 4 F
GEO 203; CHE 140 req. Lecture and lab.
Crystallography, internal structure, chemistry, recognition and occurrence of minerals.

285 IGNEOUS AND METAMORPHIC PETROLOGY 4 S
GEO 280 req. Lecture and lab. Field trip req.
Description, classification, and origin of igneous and metamorphic rocks.

290 STRUCTURAL GEOLOGY 4 F
GEO 203 req; MAT 144 rec. Lecture and lab. Field trip req.
Mechanics and processes of deformation of the earth's crust and the resulting structures.

295 SEDIMENTOLOGY AND STRATIGRAPHY I 3 F
GEO 203 req. Lecture and lab. Field trip req. Formerly SEDIMENTOLOGY.
Origin, transportation, deposition, and diagenesis of sedimentary materials with emphasis on classification of sedimentary rocks.

296 SEDIMENTOLOGY AND STRATIGRAPHY II 3 S
GEO 203, 295 req. Lecture and lab. Field trip req. Formerly STRATIGRAPHY.
Distribution, correlation and analysis of stratified rocks.

298.20 PROFESSIONAL PRACTICE: COOP/INTERN IN GEOLOGY 1-4 F,S
Max 4 hrs toward B.S. degree in Geology. Cons of inst req.
Planned, supervised, paid or unpaid professional practice in geology or geotechnical field with government or private organization.

360 GROUNDWATER GEOLOGY 3 F
GEO 203 and MAT 146 req. Field trips req.
Groundwater occurrence and movement, aquifer evaluation, field and lab measurements, contamination and other applications.

361 HYDROLOGY 3 F,S
MAT 145 or cons inst req. Three Saturday field trips req.
Introduction to hydrology, including all components of the hydrologic cycle, field and lab measurements, data acquisition, and quantitative problem solving.

362 ENGINEERING GEOLOGY 3 S
GEO 203; MAT 146; and PHY 108 or cons inst req. Field trips req.
Engineering applications of geology, construction problems of geologic origin and their engineering solutions.

364 EXPLORATION GEOPHYSICS 3 S
GEO 203; MAT 146; and PHY 108 req; or cons inst req.
Principles of exploration geophysics and the techniques that are used to study subsurface environments. Subjects reviewed include: stress and strain, information theory, seismic, gravity, magnetics, electrical resistivity, electromagnetic conductivity, ground penetrating RADAR, and borehole logging.

380 GEOMORPHOLOGY 3 S
GEO 100, 102, or 105 req. Field trips req.
Origin, classification, description, and interpretation of landforms.

382 GLACIAL AND QUATERNARY GEOLOGY 3 F
GEO 100, 102, or 105 req. Field trips req.
Development of glaciers, glacial movements, deposits, and landforms as background for discussion of present landscapes.

385 INVERTEBRATE PALEONTOLOGY 4 S
GEO 203 req. BSC 196 rec. Lecture and lab. Field trip req.
Examination and analysis of major fossil invertebrate phyla; emphasis on groups with paleoecologic and stratigraphic significance.

395 FIELD GEOLOGY 6 Summer
GEO 280, 285, 290, 295, and 296 req.
Application of geologic principles to field mapping and interpretation in the Black Hills and Central Rocky Mountains.

HISTORY (HIS) 442

301 Schroeder Hall, (309) 438-5641
Web address: www.history.ilstu.edu

Chairperson: Roger Biles.
Tenured/Tenure-track Faculty:
Professors: A. Beier, Jones, Lessoff, Perez.
Associate Professors: Adedze, L. Beier, Clemens, Crubaugh, Drake.
Assistant Professors: Ciani, Clemmons, Hughes, Kennedy, Olsen, Paehler, Philpott, Reed, Soderlund, Wood.

General Department Information

MAJOR IN SOCIAL SCIENCES EDUCATION

The Department of History advises Social Sciences Education majors and provides Teacher Education specialists for this program. For specific information, please consult the departmental advisor as well as the section entitled "Major in Social Sciences Education" under College of Arts and Sciences Programs in this *Undergraduate Catalog*.

INTERDISCIPLINARY MINORS

The Department of History participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: African-American Studies, Environmental Studies and Urban Studies. For further information on these minors and their advisors, please consult the University-Wide Curriculum section of this *Undergraduate Catalog.*

HONORS IN HISTORY

Honors work in the Department of History has been designed to offer to qualified undergraduates the opportunity to develop an independent, individualized program of study while working closely with departmental faculty in the field of their special interest.

Admission Requirements:

To be admitted to the Honors Program, students must have at least sophomore standing, have taken nine hours in history, and have a minimum GPA of 3.50 in History. Recommendation of at least one member of the departmental faculty is required as is the approval of the departmental Honors Director. Students may also be invited to apply by a faculty member. In specific cases these requirements may be waived but only with the express approval of the Honors Director and the History Department Chairperson.

Honors Study Requirements:

Students in the Honors Program will complete a minimum of 9 hours of Honors-level work. The following requirements constitute the minimum program:

A. **History 296:** Historiography and Historical Method (3 hours.) *Cons inst req; 3.50 GPA in History; Majors only.* This class serves as a foundation for honors work. A student in the University Honors Program may arrange with the Honors Program Office for this course to count as the Honors participation requirement for continuation of that program.

B. **History 299:** Independent Honors Study (Honors, 3 hours.) *296 or cons reg req; adm to departmental honors prog; cons dept.* This course gives students the opportunity to work with an individual faculty member to devise and research a project of the student's choice. Students will begin drafting the honors thesis in preparation for History 301.

C. **History 301:** Honors Thesis (Honors, 3 hours.) *HIS 296 and 299; adm to dept honors prog; cons of dept. HIS 301 can be counted for the History 300 SENIOR SEMINAR major req. Cannot be taken CR/NC. Formerly HIS 294.* The course provides the student with the opportunity to complete the writing of the honors thesis and to present a summary of the thesis at a public forum or defend the thesis before relevant faculty.

GRADUATION WITH HONORS:

To graduate with Honors in the Department of History the student will be expected to complete the program outlined above and to maintain grades in departmental subjects so as to finish with an overall History average of 3.50. The Director of Departmental Honors and the History Department Chairperson will regularly evaluate students in the program. Any student whose work does not meet the minimal standards of the program will not be allowed to continue.

History Programs

Degrees Offered: B.A., B.S.

MAJOR IN HISTORY

Admission to the History major, including the Teacher Certification Sequence, may be restricted by the lack of available Department resources.

The Department of History encourages students seeking bachelor's degrees to develop both global and multidisciplinary approaches to the study of history and to apply these methods to their studies in other disciplines. To develop their skills of historical analysis and to learn to think critically about historical accounts, students complete HIS 200 and 300. To acquire both a well-rounded and a global understanding of historical processes, students are required to take 6 hours each in the 3 fields of European, non-Western, and United States History.

The Department of History recognizes the value of language to the study of history from a global perspective. For this reason, the department recommends all students majoring in history complete a Bachelor of Arts program. Those students majoring in history but choosing to pursue a Bachelor of Sciences program must complete a minor program.

B.A. students are encouraged to improve their career opportunities by minoring in another discipline. B.A. students not opting for a minor must choose an area of concentration by taking a minimum of 9 hours in any field other than history or foreign language; at least 3 of these hours must be in 200- or 300-level courses. B.A. students are encouraged to continue their language studies beyond the 12 hours required by the Bachelor of Arts.

B.A. and B.S. students in either the History (non-teaching) or History Teacher Certification Sequence must complete or be concurrently enrolled in HIS 200 before enrolling in any other 200-level History course and must complete HIS 200 before enrolling in any 300-level History course. HIS 300 is a capstone course to be taken in the student's last full semester on campus. For students in the History Teacher Certification Sequence, this would be the semester just prior to student teaching.

Students must fulfill the following requirements:

Major in History, B.A.

— 36 hours in History required.
— Required courses: HIS 101, 102, 135, 136, 200, 300; 6 hours non-Western History listed in group 3 of "History Courses by Group for the Major."
— 24 hours at the upper-division level (includes HIS 200),

including 9 hours at the 300-level (includes HIS 300). HIS 200 is a prerequisite/co-requisite for all other 200-level and prerequisite for all 300-level History courses.
— Students are encouraged to complete a minor; but, if a minor is not selected, they must complete a 9-hour concentration in any field other than history or foreign language, with at least 3 hours at the upper-division level.

Major in History, B.S.

— Requirements same as for B.A., except that students must complete a minor.

Teacher Certification Sequence:

— 42 hours in History required.
— Required courses: HIS 101, 102, 135, 136, 200, 290, 300, 390; 3 hours upper-division United States History (in addition to HIS 135 and 136) listed in group 2 and 6 hours upper-division non-Western History listed in group 3 of "History Courses by Group for the Major."
— 30 hours at the upper-division level (includes HIS 200, 290, and 390), including 12 hours at the 300-level (includes HIS 300 and 390). HIS 200 is a prerequisite or co-requisite for all other 200-level and a prerequisite for all 300-level History courses.
— Students must complete a 9-hour interdisciplinary area including ECO 105; POL 101 or 105 or 106; and GEO 135 or 140.
— The Teacher Certification Sequence is part of the entitlement program leading to secondary certification.
— A 2.75 GPA in the major and overall is required for admission to Professional Studies and for admission to Student Teaching. Deadlines for admission to Professional Studies and Student Teaching are available from the Center for Teacher Education.

History Courses by Group for the Major:

Group 1: Methods and Topics: HIS 268, 270, 274, 290, 292, 296, 301, 330, 383, 390, 394, 395, 398.

Group 2: United States History: HIS 239, 240, 241, 243, 244, 245, 246, 247, 248, 249, 253, 254, 256, 257, 258, 259, 261, 262, 273, 278, 279, 309, 310, 311, 315, 320, 321, 322, 323, 324, 325, 327, 329.

Group 3: Non-Western History: HIS 263, 264, 265, 266, 269, 271, 272, 275, 276, 282, 283, 307, 351, 373, 375, 378.

Group 4: European History: HIS 219, 220, 221, 222, 223, 224, 225, 228, 229, 230, 231, 232, 233, 234, 235, 237, 308, 342, 345, 355, 356, 357, 366.

MINOR IN HISTORY

— 21 hours in History required; at least 12 hours in 200- or 300-level courses.
— Required courses: 6 hours each in Group 2: United States, Group 3: Non-Western, and Group 4: European History (see listing under "History Courses by Group for the Minor."

MINOR IN HISTORY

For Teacher Education:

— 21 hours in History required; at least 12 hours in 200- or 300-level courses.
— Required courses: 9 hours in Group 2: United States, 6 hours in Group 3: Non-Western, and 6 hours in Group 4: European History (see listing under "History Courses by Group for the Minor"); HIS 290 recommended in addition to required courses; requirements for Teacher Certification in another major field must be met.

History Courses by Group for the Minor:

Group 1: Methods and Topics: HIS 100, 200, 268, 270, 274, 290, 292, 296, 300, 301, 330, 383, 390, 394, 395.

Group 2: United States History: HIS 111, 112, 131, 135, 136, 239, 240, 241, 243, 244, 245, 246, 247, 248, 249, 253, 254, 256, 257, 258, 259, 261, 262, 264, 273, 278, 279, 309, 310, 311, 315, 320, 321, 322, 323, 324, 325, 327, 329.

Group 3: Non-Western History: HIS 104.01, 104.02, 104.03, 104.04, 125, 126, 127, 128, 263, 264, 265, 266, 269, 271, 272, 275, 276, 282, 283, 307, 351, 373, 375, 378.

Group 4: European History: HIS 101, 102, 219, 220, 221, 222, 223, 224, 225, 228, 229, 230, 231, 232, 233, 234, 235, 237, 308, 342, 345, 355, 356, 357, 366.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and in other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

History Courses

The Department attempts to offer its courses in the semesters indicated below. But because of changing faculty availability, which cannot be foreseen before this *Undergraduate Catalog* is printed, the Department cannot guarantee that a given course will always be taught in a given semester or year. In planning their programs, students are therefore advised to consult departmental faculty and advisors concerning the availability of individual courses.

101 WESTERN CIVILIZATION TO 1500 3 F,S
Western civilization from its beginnings in the ancient Near East until the Renaissance, emphasizing cultural and political history.

102 MODERN WESTERN CIVILIZATION 3 F,S
Western civilization from the Renaissance to the present, emphasizing cultural and political history.

104 HISTORY OF ASIA, MIDDLE EAST, AFRICA, LATIN AMERICA, OR INDIGENOUS PEOPLES OC-H 3 F,S
ENG 101 and COM 110 req. Not for cr if had HIS 103.
Interdisciplinary, thematic, and chronological examination of the histories of Africa, Asia, Latin America, and indigenous peoples. Topics vary from one section to another. Topic .01 Africa; Topic .02 East-Asia; Topic .03 Latin America; Topic .04 Middle East, Topic .05 South and Southeast Asia.

107 THE MAKING OF EUROPE OC-H 3
ENG 101 and COM 110 req.
Explores the formation of Europe as a distinct historical entity.

111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE MC-UST 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Also offered as SOC 111.
Study of major events in United States history from the perspectives of race, gender, ethnicity, and class.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Also offered as FCS/SOC 112.
Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

131 AMERICAN CULTURE: TRADITIONS AND TEXTS MC-UST 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Also offered as ENG 131.
Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art.

135 HISTORY OF THE UNITED STATES TO 1865 3 F,S
Political, economic, social, and cultural developments from the colonial period to the Civil War.

136 HISTORY OF THE UNITED STATES SINCE 1865 3 F,S
Agrarian and industrial revolutions, development of American institutions, and America as a world power.

200 DOING HISTORY: AN INTRODUCTION 3 F,S
HIS/HIS Ed maj only; 15 hrs college cr; cons dept req.
An introduction to the discipline, including study of research and writing techniques, historical methods, and the nature and varieties of history. Required of History and History Education majors as a prerequisite/co-requisite for all other 200-level and prerequisite for all 300-level History courses. Must be taken by students who begin at Illinois State University no later than the end of their sophomore year, by transfer students by the end of the junior year, or with approval of the department chairperson.

219 GENDER IN MEDIEVAL AND EARLY MODERN EUROPE 3 F,S
HIS 101 and 102 or cons inst req.
Survey of the role of gender in Medieval and Early Modern European history.

220 ANCIENT HISTORY: GREECE 3 F
HIS 101 or 102 or cons inst req.
Political and cultural evolution of the Greek World from preclassical times to the Hellenistic Age.

221 ANCIENT HISTORY: ROME 3 S
HIS 101 or 102 or cons inst req.
The Roman republic and empire with emphasis on the constitutional evolution of Rome.

222 THE MIDDLE AGES: 395-1100 3 F
HIS 101 or 102 or cons inst req.
The disintegration of ancient civilization and the gradual emergence of three successor civilizations: Byzantium, the Muslim World, and Western Europe.

223 THE MIDDLE AGES: 1100-1500 3 S
HIS 101 or 102 or cons inst req.
The climax and decline of medieval civilization.

224 THE RENAISSANCE: EUROPE: 1300-1500 3 F
Political, economic, social, intellectual, cultural transition to early modern Europe; spread of Renaissance from origins in Italy; exploration and discovery.

225 THE REFORMATION: EUROPE: 1500-1600 3 S
Protestant and Catholic reformations in the setting of 16th-century politics, economics, society; intellectual and cultural currents; European expansion.

228 EUROPE IN THE NINETEENTH CENTURY: 1815-1914 3 F
Liberalism, nationalism, democracy, militarism, imperialism, and the forces that led to World War I.

229 EUROPE IN THE TWENTIETH CENTURY 3 F,S
The origins of the World Wars, Marxism-Leninism, Nazi and Soviet totalitarianism, and the role of Europe in the Cold War.

230 THE CONTEMPORARY WORLD 3 F
Major economic, social, political, and cultural changes since 1945. The Cold War, the revolution in expectations, and the emerging concern over depletion of resources and environmental imbalances.

231 ENGLISH HISTORY TO 1688 3 F
History of medieval and Tudor-Stuart England to the Revolution of 1688.

232 ENGLISH HISTORY SINCE 1688 3 F
English history from the Glorious Revolution of 1688-89 to the present; political, social, and cultural history are emphasized.

233 MEDIEVAL RUSSIA 3 F
Examination of life in Kievan Rus and Muscovy stressing their cultural contributions to European civilization.

234 IMPERIAL RUSSIA 3 S
Analysis of the creation and maintenance of empire culminating in Russia's Golden and Silver Ages.

235 FRENCH HISTORY TO THE REVOLUTION 3 F
French history from the Middle Ages to the French Revolution with emphasis upon French culture, including social, intellectual, and artistic movements.

237 MODERN GERMANY: 1848-PRESENT 3 F
Survey of German social, political, diplomatic, and intellectual history in the 19th and 20th centuries.

239 HISTORY OF AMERICAN FOREIGN RELATIONS 3 F
Not for cr if had HIS 251 or HIS 252.
The history of the foreign relations of the United States from the American Revolution to the present.

240 AMERICAN ENVIRONMENTAL HISTORY 3 F
HIS 135 or 136 or cons inst req.
How people and the flora, fauna, climates, and natural landscapes of America have interacted and affected one another over time.

241 COLONIAL LIFE AND INSTITUTIONS 3 F
Transfer of European ideas, institutions, and customs to America, and their subsequent development on American soil.

243 THE EARLY NATIONAL PERIOD: 1787-1815 3
Emphasis upon the establishment of a national government; the principles and influence of early federalism and of Jeffersonian democracy.

244 THE AGE OF JACKSON: 1815-1848 3
HIS 135, equivalent, or cons inst req.
The awakening of American nationalism as typified by the economic, political, social, and cultural changes of the Jacksonian period.

245 AMERICAN MATERIAL CULTURE 3 F,S
Study of American material culture, including art, architecture, useful and ornamental objects, and textiles, from the colonial era through contemporary American society.

246 CIVIL WAR AND RECONSTRUCTION: 1848-1877 3 S
HIS 135 or 136, equivalent, or cons inst req.
Causes and process of secession, problems of the Lincoln and Davis administrations, conduct of the war, and the problems of reconstruction.

247 THE GILDED AGE IN AMERICA: 1877-1900 3 F
HIS 136 or cons inst req.
Industrialization and responses to industrialism in America; special attention given to business and political leaders, farmers, African-Americans, and writers.

248 UNITED STATES IN THE TWENTIETH CENTURY TO 1945 3 F,S
Significant aspects of American history from the Populist era to the end of World War II.

249 UNITED STATES IN THE TWENTIETH CENTURY SINCE 1945 3 F,S
Significant aspects of American history from the 1945 to contemporary times.

253 AMERICAN CONSTITUTIONAL HISTORY 3 F
The history of American constitutional and legal developments from the colonial period to the present.

254 THE AMERICAN WEST 3 S
HIS 135 or 136, equivalent, or cons inst req.
Development of the trans-Mississippi West, exploration to present. Emphasis upon land-human relationships and the roots of environmental concerns.

256 AMERICAN BUSINESS HISTORY 3 F
HIS 135 or 136, equivalent, or cons inst req. Formerly AMERICAN ECONOMIC HISTORY.
Industrialization of America; the problems of agriculture, monopoly, and labor; the role of government in regulating and guiding economic activity.

257 AFRICAN-AMERICAN HISTORY TO 1865 3 F
The history of African Americans from Colonial times to the Civil War.

258 AFRICAN-AMERICAN HISTORY SINCE 1865 3 S
The history of African Americans from the Reconstruction period to the present.

259 HISTORY OF ILLINOIS 3 F
HIS 135 or 136 or cons inst req.
A survey of the history of Illinois from the time of the French explorers to the present.

261 HISTORY OF WOMEN IN THE UNITED STATES TO 1865 3 F,S
Sophomore standing req. Not for cr if had HIS 250.
The role of women in the economic, social, political, and cultural history of America from the colonial period to the Civil War.

262 HISTORY OF WOMEN IN THE UNITED STATES SINCE 1865 3 F,S
Sophomore standing req. Not for cr if had HIS 250.
The role of women in the economic, social, political, and cultural history of America from 1865 to the present.

263 MODERN MEXICO 3 F
Survey of Mexican history from the mid-18th century.

264 HISTORY OF WOMEN IN NORTH AMERICA OC-SS 3 F
Inner Core req. MC-UST or MC-IS category req.
Introduction to theoretical approaches to women's history and a study of selected aspects of the history of women in Canada, Mexico, the United States, and the Caribbean.

265 AFRICAN CIVILIZATION 3 F
Political, social, cultural, and economic survey of Sub-Sahara African Civilization from about 1000 to about 1884 (European expansion).

266 MODERN AFRICA 3 S
Political, social, cultural, and economic survey of Modern Africa from the beginnings of European expansion to the present.

268 PEACE HISTORY 3 F
A historical survey of peace reformers, ideas, organizations, institutions, and movements in the Western and non-Western world.

269 HISTORY OF JAPANESE RELIGIONS 3 F
A study of the development of Japanese Religions from Pre-History to the present.

270 WORLD RELIGIONS/WORLD VIEWS 3
The great religions of the world, primarily Judaism, Hinduism, Buddhism, Christianity, and Islam; also includes Zoroastrianism, Confucianism, Taoism, Shintoism, primal religion, humanism, Marxism, and civil religion.

271 ISLAMIC CIVILIZATION 3 F
Political, social, economic survey of the Middle East from Muhammad to the 19th century, emphasizing origins and achievements of the Islamic age.

272 MODERN MIDDLE EAST 3 S
Political, social, and economic-survey of the Middle East from the 19th century to the present, emphasizing the rise of the modern nation-states.

273 THE IMMIGRANT IN AMERICAN HISTORY 3
The changing role of immigration in American social, economic, and political history.

274 HISTORY OF WESTERN MEDICINE 3
Formerly HISTORY OF MODERN MEDICINE
The experience and management of ill health in Western societies from Classical times to the present day.

275 HISTORY OF JAPANESE CIVILIZATION 3
Topical and chronological examination of Japanese religions, philosophies, art, music, literature, societal values and behavior to 1800.

276 HISTORY OF CHINESE CIVILIZATION 3
Topical and chronological examination of Chinese religions, art, music, literature, societal values and behavior to 1911.

278 UNITED STATES MILITARY HISTORY 3 F
HIS 102 or 135 or 136 or cons inst req.
U.S. military history in a global context from the colonial period to the present.

279 WORLD WAR II 3 S
General survey of World War II including military, diplomatic, and cultural concerns.

282 COLONIAL LATIN AMERICAN HISTORY 3 S
Intermediate study of the social, political, intellectual, and economic history of colonial Latin America (Latin America to 1821).

283 HISTORY OF CUBA 3 F
Intermediate study of the social, political, intellectual, and economic history of Cuba, with emphasis on the modern period.

290 HISTORY-SOCIAL SCIENCE TEACHING METHODOLOGY I 3
C or better in C&I 216 or conc reg req. Exceptions may be made by cons inst. Req for HIS or SSC maj in Teacher Ed programs. Incl Clin Exp.
Special methods and pre-student teaching clinical experiences for History-Social Sciences Teacher Education students. Includes observation and participation in classroom settings. Must be completed prior to student teaching.

292 CAREERS FOR HISTORY AND SOCIAL SCIENCES MAJORS 1
Acquaints students with career opportunities and relates History and Social Sciences skills learned to those needed in various career situations. Includes instruction in job placement skills.

296 HISTORIOGRAPHY AND HISTORICAL METHOD 3 F
Cons inst req; 3.50 GPA in history; majors only.
This class serves as a foundation for honors work. A student in the University Honors Program may arrange with the Honors Program Office for this course to count as the Honors participation requirement for continuation of that program.

300 SENIOR SEMINAR IN HISTORY 3 F,S
HIS/HIS Ed maj only. HIS 200 or cons inst req.
An advanced study of the methods, sources, and problems of the field of history, using a topical approach that varies from section to section. To be taken in the last full semester on campus.

300.01 SOCIAL SCIENCE SEMINAR 3
SSC maj. ECO/GEO/POL/PSY 138 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Politics and Government, Sociology, and World History) req; completion of at least 12 hrs of senior-level SSC courses req. Also offered as ANT/ECO/GEO/POL/SOC/ 300.01.
An intensive examination of a selected issue in the social sciences, taught from an interdisciplinary perspective, culminating in a capstone student research project. To be taken in last full semester on campus.

301 HONORS THESIS 3 F,S
HIS 296 and 299; adm to dept honors program; cons of dept req. May be counted for HIS 300 SENIOR SEMINAR major req. Cannot be CR/NC. Formerly HIS 294.
The course provides the student with the opportunity to complete the writing of the honors thesis and to present a summary of the thesis at a public forum or defend the thesis before relevant faculty.

306 REGIONAL AND AREA STUDIES 1-9
Any 200-level HIS course or cons inst req. Materials charge optional.
Intensive on-site study of particular lands, environments, cultures, and peoples.

307 SELECTED TOPICS IN NON-WESTERN HISTORY 3 F,S
1 of the following: HIS 103.01, 103.02, 103.03, 103.04, 104.01, 104.02, 104.03, 104.04, 263, 265, 266, 271, 272, 275, 276 or IDS 203; and HIS 200 or cons inst req. May be repeated if topic different.
The study of non-Western history through a topical approach. Topics will vary from semester to semester.

308 SELECTED TOPICS IN EUROPEAN HISTORY 3 F,S
HIS 101, 102 and 200 or cons inst req. May repeat for credit if content is different.
The study of European history through a topical approach. Topics will vary from semester to semester.

309 SELECTED TOPICS IN UNITED STATES HISTORY 3 F,S
HIS 135; HIS 136; HIS 200 or cons inst req. May repeat for cr if topic different.
This course focuses on a specific topic or era of United States history, emphasizing conflicting interpretations and use of primary sources.

310 NATIVE AMERICAN HISTORY 3 F
HIS 135 or HIS 136 or cons inst req.
An examination of the major themes and events of Native American history and culture from pre-Columbian times to the present.

311 AGE OF THE AMERICAN REVOLUTION 3
The emergence of the United States as an independent nation from 1763 to the Constitutional Convention in 1787.

315 SLAVERY AND THE OLD SOUTH 3
HIS 135 or 257 or cons inst req.
Historiography of slavery and the pre-Civil War South.

320 LINCOLN: THE MAN AND HIS TIMES 3
Any 200-level American History course or cons inst req.
Attention directed especially toward the work of Lincoln in Illinois, his leadership during the Civil War, and his relationships with people and events of his time.

321 GREAT FIGURES OF AMERICAN HISTORY 3
Any 200-level American History course or cons inst req.
Personalities selected from American history with emphasis on the contributions and lasting influence of significant individuals.

322 AMERICAN URBAN HISTORY 3
1 of the following: ECO 238, GEO 204, HIS 200, POL 209, SOC 271; or cons inst req.
Survey of the history of the American city from the Colonial Era to the present.

323 AMERICAN CULTURAL AND INTELLECTUAL HISTORY: 1620-1860 3
HIS 135 or cons inst req.
American progress in the fine arts, philosophy, literature, and science from Puritan times to 1860.

324 AMERICAN CULTURAL AND INTELLECTUAL HISTORY: 1860-PRESENT 3
HIS 136 or cons inst req.
The impact of naturalism, industrialization, secularization, and urbanization upon American culture since 1860.

325 PROBLEMS IN TWENTIETH-CENTURY UNITED STATES CONSTITUTIONAL HISTORY 3
Any 200-level American History course or cons inst req.
Major problems in American constitutional history since the Progressive Era; civil rights, freedom of speech and religion, federal-state relations.

327 AMERICAN LABOR HISTORY 3
HIS 136 or cons inst req.
The Industrial Revolution's impact upon workers with emphasis on the responses through unions and politics and on the role of government.

329 RURAL LIFE AND SOCIETY IN THE U.S.: 1800-PRESENT 3 F
Any 100- or 200-level United States History course or cons inst req.
Examines American rural society from 1800 to the present, with emphasis on the impact of change upon farming communities.

330 THE FAMILY IN HISTORY 3
Any 100- or 200-level HIS course or cons inst req.
History of the family in Europe and America, viewing the changes from idealist, economic determinist, family systems, and psychoanalytic perspectives.

342 EUROPEAN INTELLECTUAL HISTORY SINCE 1600 3
HIS 101 or 102 or cons inst req.
The ideas of the scientific revolution, Enlightenment, 19th and 20th centuries, examined in a social, political and economic context.

345 FRENCH REVOLUTION AND NAPOLEON: 1789-1815 3
Any 200-level European History course or cons inst req.
Society, culture and government under the monarchy; destruction of the old order; rise and fall of Napoleonic France.

351 ANCIENT NEAR EAST 3
Any 200- or 300-level non-United States History course or cons inst req.
The civilizations of Mesopotamia and Egypt from the neolithic period to 500 B.C.

355 POPULAR CULTURE IN EARLY MODERN EUROPE 3
History of the culture of the common population of Europe 1400 to 1800: pre-conditions, formation, principal elements, decline of the culture.

356 THE ENLIGHTENMENT 3
HIS 102 or cons inst req.
Intellectual and social history of the Western world during the 18th century.

357 LATE MEDIEVAL AND EARLY MODERN BRITAIN 3 F,S
HIS 231 or cons inst req. Not for cr if had 226, 227, 359, or 360.
Selected topics in British history, c. 1350 - c. 1750.

366 SOVIET RUSSIA 3
Study of communist revolution, culture, and dictatorship and its transformation into a contemporary European democracy.

373 HISTORY OF MODERN CHINA 3
Concentrates on the Western and Chinese collision since the 1800's and the responses of traditional, national, and contemporary China to modernization.

375 HISTORY OF MODERN JAPAN 3
Concentrates on Japan's modernization, goals of Meiji leaders, contradictory tendencies of pre-war Japan, and contemporary Japan.

378 ISLAM 3
In-depth study of Islam, focusing on ideas rather than events. Topics include law, mysticism, art, and resurgent Islam.

383 MAPS AND MENTALITIES 3 F,S
GEO 204; or HIS 101 or 102, 135 or 136, and 200 or cons inst req. Also offered as GEO 383.
Survey of maps and their makers in Western history, from the ancient period to the present.

390 HISTORY-SOCIAL SCIENCE TEACHING METHODOLOGY II 3
C or better in HIS 290 and C&I 216 or conc reg req. Incl Clin Exp. Adm to Professional Studies req.
History-Social Science materials, use of instructional models, and clinical experiences. Must be completed prior to student teaching.

394 ORAL HISTORY 3
HIS 135 or 136 or cons inst req.
Study and use of oral history as a research tool, and its application as a research technique.

395 ARCHIVES AND MANUSCRIPTS 3
Any 200-level HIS course or cons inst req.
Nature, acquisition, processing and use of archives and manuscripts. Emphasis on theory and principles with practical exercises.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN HISTORY 1-16 F,S
Cons of dept's intern coord req; 75 hrs completed; 2.60 GPA overall and in major; History maj (incl those in Teacher Ed Seq) and Social Sciences Education maj only. Max 6 hrs towards HIS/HIS Ed maj.
Planned, supervised experience in a professional capacity in archives, business, government, historical archaeology, historical preservation, historical editing and publishing, historical societies, museums, or other application of history.

MATHEMATICS (MAT) 452

313 Stevenson Hall, (309) 438-8781
Web address: www.math.ilstu.edu

Chairperson: George Seelinger.
Tenured/Tenure-track Faculty:
Professors: Eggleton, Ellerton, El-Zanati, Gamage, Langrall, Lubinski, Ostaszewski, Plantholt, Presmeg, Tipnis.
Associate Professors: Barrett, Clements, Day, Jordon, Martin, McCrone, Mooney, Thiagarajah, Warfield.
Assistant Professors: F. Akman, O. Akman, Cheng, Ionescu, Kim, Meier, Rich, Sissokho, Yamskulna, Zhao.

For current information on faculty interests and email addresses, Mathematics programs, and schedule of classes, visit our Internet Web site: www.math.ilstu.edu.

General Department Information

Mathematics Requirements for Elementary and Middle School Education Majors:

Middle School Mathematics Specialization:

— 30 hours required.
— Required courses: MAT 130, 131, 202, 302, 304, 309 and 312;
— Electives (choose one): MAT 307, 314, or 315.

Middle School Mathematics Endorsement:

— 22 hours, 18 hours of mathematics content and 4 hours of middle grades mathematics methods. C&I 233 and PSY 302 are also required.
— Required courses: MAT 130, 131, 202, 302, 309, and 312.
— **NOTE**: Students completing the Middle School Mathematics Specialization also qualify for the Middle School Mathematics Endorsement.

Elementary Education or Early Childhood Education Major Area of Concentration in Mathematics:

— 18 hours of mathematics content courses required.
— Required courses: MAT 130, 131, 202, 309 and 312.

Cooperative Education/Internship in Mathematics:

The Department offers a Cooperative Education/Internship program for undergraduate Mathematics majors which provides for practical work experience in business, government, or industry. Students interested in participating in the program may secure further information by contacting the Mathematics Department Office.

HONORS IN MATHEMATICS

The Department offers an honors program for majors emphasizing a broad liberal arts program with requirements in Mathematics and in the General Education Program. Students interested in participating in departmental honors programs may secure further information by contacting the Undergraduate Director. In addition students must fulfill the general requirements for participation in the University Honors Program. Completion of the program will be posted on a student's transcript and diploma. The Department also offers in-course honors for students enrolled in the University Honors Program.

MINOR IN COGNITIVE SCIENCE

The Department of Mathematics participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult a Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog.*

Mathematics Programs

Degrees Offered: B.A., B.S.

Career Information for Mathematics Majors and Minors:

Career needs in a wide variety of vocations are met by the diverse course offerings in the Mathematics Department. These include vocations in Secondary Teaching, Business Management, and Actuarial Science; vocations that involve research or applications of Mathematics in business, government, and industry; and vocations involving research or applications of Mathematics in the physical and social sciences. The needs of those preparing for continued study and research in Mathematics are met also by the departmental offerings. The undergraduate degree programs are designed to be sufficiently flexible to meet career aspirations, to allow for individual exploration in various areas of interest, and also to permit suitable breadth for a liberal education.

Students are urged to consult with the Mathematics Undergraduate Director or Mathematics faculty in planning their programs. Information on careers in Mathematics can be secured from the Mathematics Undergraduate Director and from the Mathematics Career Center in Stevenson 313.

Students interested in meeting the requirements for certification to teach secondary school Mathematics must consult with a Mathematics Education advisor to design a special program of studies.

Students preparing for a specific career are advised to include courses from the appropriate list(s) that follow. The courses with an **asterisk** should be among those selected. Those wishing a major or minor in Mathematics should select additional courses from the list as well. (Note that some courses in the following lists may not count toward major or minor requirements.):

— **Business Management:** 250, 260, 337, 340, 350, 351*, 353, 356, 361, 362*, 363, 378.
— **Secondary Teaching:** 210, 211*, 223*, 236*, 247, 250*, 260*, 320, 321, 323*, 324*, 326*, 330*, 336, 347, 350, 362, 378.
— **Business, Government, and Industry:** 250, 260, 337, 340*, 341, 345, 350, 351*, 353, 356*, 361, 362, 363, 378.
— **Applications or Research in Physical Sciences:** 236, 250, 336, 337, 340*, 341*, 345*, 350, 378.
— **Applications or Research in Social Sciences:** 250, 260, 337, 340, 350*, 351*, 356*, 361, 362, 363, 378.
— **Graduate Study and Research in Mathematics:** 210, 236*, 247, 330, 336*, 337*, 340, 341, 345, 347*, 350, 351, 361, 378.

Admission Requirements for Majors:

New freshmen with 4 years of high school Mathematics may declare a major in the Department of Mathematics. External or internal transfer students may be admitted into the major if they have completed at least 2 semesters of Calculus with a grade of C or better.

Departmental requirements for admission to the University Professional Studies program include a minimum Mathematics GPA of 2.20, a cumulative GPA of 2.50 and a positive recommendation from the Teacher Education Coordinator.

The term "Mathematics GPA" used above and throughout this *Undergraduate Catalog* means a GPA computed using all college Mathematics courses completed at Illinois State University that are eligible for credit toward the major.

The only Mathematics courses that are not eligible for credit toward the major are the following: MAT 108, 113, 119, 120, 121, 130, 131, 150, 152, 160, 162, 201, 202, 298, 298.50, 302, 304, 307, 309, 312, 314, 315, 385. In addition, MAT 280 and 283 are not eligible for credit toward MAT/MAT Education Sequences.

Graduation GPA Requirement for Majors:

The minimum graduation Mathematics GPA is 2.00 for a Mathematics Major, 2.20 for a Mathematics Education Major, and 2.50 for Mathematics Major: Actuarial Science Sequence. These grade point averages are computed using the following courses taken at Illinois State: the required English and computer programming courses and all Mathematics courses that are eligible for credit toward the major.

NOTE: Students who have taken calculus in high school may request to take a Calculus Proficiency Test. If proficiency credit is granted, students may begin their Mathematics courses with MAT 146 or a higher-level course.

To ensure proper placement, transfer students should consult with an advisor prior to registration for classes. A maximum of 4 hours credit may be given toward a major or minor for acceptable precalculus courses based upon advanced placement or transfer.

MAJOR IN MATHEMATICS

— A minimum of 42 hours in Mathematics required.
— Required courses: MAT 145, 146, 147, 175, 247, 260, 350; ENG 145 or 249 or equivalent.
— 1 computer programming course from: ITK 165, 168. **NOTE:** Hours taken in Applied Computer Science do not count toward the required 42 hours in Mathematics.
— At least 1 course chosen from MAT 236, 330, 337, 347, 363.
— 2 course-pairs from the following groups. These course-pairs must be selected from different groups:
Algebra group: (MAT 236, 336); (MAT 236, 337).
Analysis group: (MAT 247, 345); (MAT 247, 347); (MAT 340, 341).
Discrete group: (MAT 260, 361); (MAT 260, 362); (MAT 260, 363).
Statistics group: (MAT 350, 351); (MAT 350, 378).
— Submission of senior portfolio (see advisor).

Suggested Mathematics Schedules for Majors:

Schedule (a) Students beginning with Precalculus
Schedule (b) Students beginning with Calculus I
Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147
4	147	175	175, 260
5	175, 260	247, 260	247

Teacher Certification Sequence:

This sequence of the major is part of the entitlement program leading to high school certification and/or high school and middle school endorsement.

— A minimum of 40 hours in Mathematics is required.
— Required courses: MAT 145, 146, 147, 175, 211, 223, 236, 260, 323, 324, 350*. **NOTE:** MAT 211 and C&I 216 or equivalent, and MAT 236 (or conc reg) are prerequisites for MAT 323. MAT 323 must be completed before the student teaching experience. *MAT 250 is a standard substitute for MAT 350.
— Computer Science Requirement: MAT 326 or one computer course from: ITK 165 or 168 **NOTE:** Hours taken to fulfill this computer science requirement do not count toward the required 40 hours in Mathematics.
— 1 additional course must be chosen: MAT 247 or one of those 300-level courses available for major/minor credit.
— Students are encouraged to take electives from the list of Secondary Teaching courses above.
— Interested students should consult their advisor about opportunities for tutoring secondary school students, serving as a teaching assistant, or other relevant voluntary Clinical Experiences.
— Professional Education Requirements: C&I 212, 214, 216; EAF 228 or 231 or 235; PSY 215; Student Teaching 399.
— Submission of senior portfolio (see advisor).

Suggested Mathematics Schedules for Teacher Certification Sequence Majors:

Schedule (a) Students beginning with Precalculus
Schedule (b) Students beginning with Calculus I
Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146, 223	146, 223
3	146, 223	147	147
4	147	175, 211	175, 260
5	175, 260	250, 260	211, 250

Actuarial Science Sequence:

This sequence of the major is designed to teach the students the mathematical foundations of actuarial science, and to prepare them for careers as actuaries in a variety of fields dealing with the risk of potential financial losses, such as life insurance, health insurance, financial risk management, property/casualty/liability insurance, pensions, or employee benefits.

— 67 hours required.
— Required courses: MAT 145, 146, 147, 175, 280, 350, 351, 353, 380, 383, 384; ACC 131, 132; ECO 105; FIL 242, 250, 341; ITK 168.
— Submission of senior portfolio (see actuarial advisor).
— Students are encouraged to take MAT 298 (professional internship) MAT 283 (actuarial computing) and intensive reviews for actuarial examinations offered through the ISU Conferencing Unit.

Suggested Mathematics Schedules for Actuarial Science Majors:

Schedule (a) Students beginning with Precalculus
Schedule (b) Students beginning with Calculus I
Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147	147, 175
4	147	175, 280	280, 350
5	175, 350	350	351, 380, 383
6	280, 351	351	384
7	353, 380, 383	353, 380, 383	353
8	384	384	Open

Required courses in the Actuarial Science Sequence (outlined above) provide the contents of the Society of Actuaries examinations P, FM, M and C, or the Casualty Actuarial Society examinations 1, 2, 3 and 4, as well as complete VEE requirements. Courses correspond to professional actuarial examinations as follows:

SOA exam P (same as CAS exam 1): MAT 350
SOA exam FM (same as CAS exam 2): MAT 280
SOA exam M: MAT 380, MAT 383
SOA exam C (same as CAS exam 4): MAT 384
CAS exam 3: MAT 351, MAT 380, MAT 383
VEE Statistics: MAT 353
VEE Economics: ECO 105
VEE Finance: FIL 242 and FIL 341

Statistics Sequence:

This sequence of the major is designed to prepare students for statistical work in industry and government. In addition to learning the mathematical foundation in statistics, the students will get experience in at least two cognate areas of application of statistics from Biometrics, Econometrics, and Psychometrics. This will allow the students to experience many fields of statistical applications and select a field of their choice for a career.

— Required courses: MAT 145, 146, 147, 175, 260, 350, 351. At least two courses from the following list: MAT 353, 356, 450, 453, 455, 456, 458 (Only senior students with good standing will be allowed to take a graduate-level course provided the graduate school gives the approval.)
— One computer-programming course from Introduction to Micro Computers ITK 155.01, or ITK 155.02.
— Select at least two of the following areas and complete at least two courses from the list of approved courses for each area.
Biological Sciences: BSC 201, 203, 219, 297, 321.
Economics: ECO 225, 235, 238, 239, 240, 241, 320, 331, 339.
Psychology: PSY 230, 231, 232, 331, 334.

It is to the advantage of the student to have a minor or double major in one of the above areas. However, it is not a requirement for the sequence. Senior students in good standing are encouraged to take upper level applied statistics courses from selected cognate areas.

Suggested Mathematics Schedules for the Statistics Sequence Majors:

Schedule (a) Students beginning with Precalculus
Schedule (b) Students beginning with Calculus I
Schedule (c) Students intending to pursue graduate studies

Semester	(a)	(b)	(c)
1	144	145	145
2	145	146	146
3	146	147, 260	147, 260
4	147, 260	175, 350	175, 350
5	175, 350	351	351, ST*
6	351, ST*	356, ST*	356, ST*
7	353, ST*	353, ST*	353, ST*
8	356, ST*, ST*	ST*, ST*	ST*

*In the above schedule ST stands for selected courses from cognate areas. Senior students with good standing are encouraged to take upper level statistics courses. However in order to take a graduate level course they must get the approval from the respective departments and the graduate school.

MINOR IN MATHEMATICS

— 22-24 hours in Mathematics required.
— Required courses: MAT 145 and 146.
— At least four courses chosen from MAT 147, 175, 236, 247, 250, 260, 330, 336, 337, 340, 341, 345, 347, 351, 361, 362, 363, 378.

MINOR IN MATHEMATICS

For Teacher Education:

— Required courses: MAT 145, 146, 147, 175, 211, 236, and 323. **NOTE:** MAT 211 and C&I 216 or the equivalent, and MAT 236 (or concurrent registration) are prerequisites for MAT 323.
— Students should consult an advisor. One additional Mathematics elective is required to satisfy certification.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found

with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Mathematics Courses

— A year of high school geometry and a second year of high school algebra are highly recommended for anyone who wants to take Mathematics courses.
— Students may not enroll in a course which is prerequisite to a course that has been completed with a grade of C or better.

102 BASIC ALGEBRA 4 F,S
Does not count toward graduation. CR/NC only.
Introduction to the basic concepts of elementary algebra.

104 INTERMEDIATE ALGEBRA 3 F,S
Mathematics placement or cr in MAT 102 req. Does not count toward graduation. CR/NC only. Not for cr if had MAT 107. Scientific calculator required. Meets 5 days a week.
Intermediate course between one year of high school algebra and college algebra.

108 TRIGONOMETRY 2 F,S
Mathematics placement or C or better in MAT 119 req. Not for cr maj/min or if had MAT 109. Dept-approved graphing calculator req.
Circular functions, their graphs, inverses, identities and applications. Right triangle trigonometry and applications.

113 ELEMENTS OF MATHEMATICAL REASONING IC-M 4 F,S
Mathematics placement exam or MAT 104 req. Not for cr maj/min. Not for cr if had MAT 105 or MAT 111. May not be taken CT/NC. Dept approved calculator req. Formerly MAT 189.17.
The study of elementary counting methods, basic statistics; and elementary mathematical modeling techniques, focusing on reasoning and solving real-life problems.

119 COLLEGE ALGEBRA 3 F,S
Mathematics placement or MAT 104 req. Not for cr maj/min. Dept-approved graphing calculator req. Meets 5 days a week.
Functions, relations, and inverses with emphasis on polynomial, rational, exponential, and logarithmic functions. Algebra of polynomials. Solving quadratic, exponential, and logarithmic equations. Solving quadratic, rational, and absolute value inequalities.

120 FINITE MATHEMATICS IC-M 4 F,S
Mathematics placement or C or better in MAT 119 req. Not for cr maj/min. May not be taken under the CT/NC option. Dept-approved graphing calculator req.
Linear functions, matrices, systems of linear equations, sets and counting, probability, statistics, and mathematics of finance.

121 APPLIED CALCULUS MC-QR 4 F,S
C or better in MAT 120 and either Mathematics placement or C or better in MAT 119 req. Not for cr maj/min. May not be taken under the CT/NC option. Dept-approved graphing calculator req.
Non-linear functions, intuitive differential, integral, and multivariate calculus, applications.

130 DIMENSIONS OF MATHEMATICAL REASONING IC-M 3 F,S
Mathematics placement or MAT 104 req. Not for cr maj/min. May not be taken CT/NC option. Scientific calculator req. Formerly DIMENSIONS OF MATHEMATICAL PROBLEM SOLVING.
Focus on mathematical problem-solving and reasoning with understanding of numbers and their properties through various representations, including algebraic.

131 GEOMETRIC REASONING: GEOMETRY AS EARTH MEASURES MC-QR 3 F,S
MAT 111, 120, 130, or 145 req. Not for cr maj/min.
A multidimensional focus on geometry as visualization, construction of figures, the study of the physical world, and a mathematical system.

144 PRECALCULUS 4 F,S
Mathematics placement or C or better in both MAT 108 and MAT 119 req. Dept-approved graphing calculator req.
Polynomial, absolute value, rational, exponential, logarithmic, and trigonometric functions and their graphs. Properties of trigonometric and inverse trigonometric functions and their applications. Conics, translation, and rotation of axes.

145 CALCULUS I IC-M 4 F,S
Mathematics placement or C or better in MAT 144 req. May not be taken under the CT/NC option. Dept-approved graphing calculator req.
Polynomial, exponential, logarithmic, and trigonometric functions. Differentiation with associated applications. Introduction to integration with applications.

146 CALCULUS II MC-QR 4 F,S
C or better in MAT 145 req. May not be taken under the CT/NC option. Dept-approved graphing calculator req.
Techniques and applications of integration, L'Hopital's rule, improper integrals, applications, infinite series, and Taylor's Theorem. Differential equations.

147 CALCULUS III 4 F,S
C or better in MAT 146 req. Dept-approved graphing calculator req.
Polar coordinates and parametric equations in the plane with applications. Vector curves and surfaces in space. Partial derivatives, gradients, directional derivatives, and tangent planes. Multiple integration and line integrals.

150 FUNDAMENTALS OF STATISTICAL REASONING MC-QR 4 F,S
C or better in MAT 111, 120, 130 or 145 req. Not for cr maj/min.
Develop statistical reasoning to analyze data and use elementary probability ideas to justify the validity of the analysis.

152 STRUCTURE OF NUMBER SYSTEMS II 3 F,S
C or better in MAT 130 req. Not for cr if had MAT 202. Not for cr maj/min.
Concepts and structure of real numbers. Probability, statistics, and algebra.

160 ELEMENTARY DISCRETE MATHEMATICS 4 F,S
C or better in MAT 120 or 145. Not for cr maj/min.
Elementary introduction to discrete mathematics, comprising topics relevant to computer science. Logic, algorithms, recursion, enumeration, relations, graph theory (including trees).

162 CONFLICT, COOPERATION, AND STRATEGIC DECISION-MAKING MC-QR 3 F,S
MAT 111, 120, 130, or 145 req. Not for cr maj/min. May not be taken under the CT/NC option. Also offered as POL 162.
Game theory, mathematical study of conflict and cooperation with applications. Analysis of two-person zero-sum and nonzero sum games, and n-person games.

175 ELEMENTARY LINEAR ALGEBRA 4 F,S
C or better in MAT 146 req; 147 rec. Dept-approved graphing calculator req.
Vector geometry, matrices, systems of linear equations, vector spaces, linear transformations, eigenvalues and eigenvectors, diagonalization, applications to the physical and social sciences.

201 TEACHING MATHEMATICS IN THE ELEMENTARY SCHOOL 3 F,S
C or better in MAT 130 and C or better in MAT 152 or MAT 202 req. El Ed or Middle Level Teacher Ed maj only. Completion of 60 hrs and 2.50 maj and overall GPA req. Not for cr maj/min. May Incl Clin Exp.
Background for meaningful teaching of whole numbers, fractions, and geometry/measurement concepts. Special emphasis on planning instruction for children at the K-8 level.

202 ALGEBRAIC REASONING FOR THE K-8 TEACHER 4 F,S
C or better in MAT 130 req. 2.50 maj GPA req. Not for cr maj/min. Dept-approved graphing calculator req. Formerly MATHEMATICS FOR THE MATH K-8 SPECIALIST.
Focus on algebraic reasoning with understanding of variables and their uses. Content includes proportional reasoning, linear and non-linear functions and inverse functions and elementary curve fitting techniques.

210 SYMBOLIC LOGIC I 3 F,S
1 yr each high school algebra and high school geometry req. Also offered as PHI 210.
Introduction to proof theory. Formal deductive systems, especially propositional logic and predicate logic. Properties of deductive systems, such as consistency and completeness.

211 EUCLIDEAN AND NON-EUCLIDEAN GEOMETRY 4 F,S
C or better in MAT 147; C or better in MAT 175 or conc reg req.
Inductive and deductive study of Euclidean geometry; includes transformations, tesselations, polyhedra, classical theorems, introduction to non-Euclidean geometry.

223 INTRODUCTION TO SECONDARY MATHEMATICS EDUCATION 1 F,S
C or better in MAT 145 or 314. CR/NC only. Incl Clin Exp: 2 hrs, Type 1.
An introduction to secondary mathematics teaching centered around classroom observations, discussion of teaching and learning, and doing mathematics.

236 ELEMENTARY ABSTRACT ALGEBRA 4 F,S
C or better in MAT 175 req.
Introduction to rings, integral domains, and fields including the ring of integers, the fields of real and complex numbers, quotient rings, polynomial rings, homomorphisms, and ideals.

247 ELEMENTARY REAL ANALYSIS 3 F
C or better in MAT 147 and 175 req.
Careful examination of the theory of calculus through the study of properties of the real line.

250 INTRODUCTION TO PROBABILITY AND STATISTICS 4 F,S
MAT 121 or MAT 145 req. Formerly MAT 289.22.
Basic probability and statistical inference. Statistical coverage includes comparison of means and regression analysis. Extensive use of calculators and computers.

260 DISCRETE MATHEMATICS 4 F,S
C or better in MAT 146 req.
Counting problems, generating functions, recurrence relations, inclusion-exclusion, graphs, matching and covering, pigeonhole principle, applications.

280 FINANCIAL MATHEMATICS 4 F,S
B or better in MAT 145 and 146 or cons inst req. Formerly THEORY OF INTEREST.
Interest rates. Accumulation function. Annuities. Amortization schedules. Bonds and other securities. Amortization and depreciation. Yield curve. Duration, convexity, and immunization.

283 INTRODUCTION TO ACTUARIAL COMPUTING 1 F
C or better in MAT 280 or cons inst req.
Basic actuarial computing models in a computer classroom setting. Present values, risk classification, data analysis for premiums and reserves.

298 PROFESSIONAL PRACTICE: INTERNSHIP IN MATHEMATICS 2-4 F,S,Summer
MAT 175 plus 2 approved courses in MAT beyond 175; 2.75 overall GPA and 3.00 dept GPA. May be repeated; max 8 hrs. No cr maj/min. Cons dept chair req. CR/NC only.
Practical experience through professionally-oriented work in business, government, or industry. One credit per month of full-time employment.

302 TEACHING MATHEMATICS IN GRADES 6-8 4 F, S

C or better in MAT 309 and 312 or conc reg req. Not for cr maj/min. Compl 60 hrs and 2.50 maj and overall GPA req. May Incl Clin Exp. Formerly TEACHING MATHEMATICS IN GRADES 5-8.

Problems, viewpoints, and trends in teaching middle school or junior high mathematics. Implications of research related to organization, content, and techniques for teaching mathematics in grades 6-8.

304 MODERN GEOMETRY FOR MIDDLE SCHOOL TEACHERS 4 F,S

C or better in MAT 131 and 202 req. Not for cr maj/min. Dept-approved graphing calculator req. Formerly TOPICS IN GEOMETRY FOR K-8 TEACHERS.

Topics include Euclidean and non-Euclidean geometries and their history, transformations with connections to matrix algebra, fractals, and projective geometry.

307 MODERN ALGEBRA FOR MIDDLE SCHOOL TEACHERS 4

C or better in MAT 304, 309 and 312 req. Not for cr maj/min. Formerly MODERN ALGEBRA FOR K-8 TEACHERS.

Algebraic concepts and structures relevant to grades 6-8. Structure of familiar number systems compared to and contrasted with other mathematical systems.

309 NUMBER THEORY FOR K-8 TEACHERS 4 F,S

C or better in MAT 131 and 202 req. Not for cr maj/min. Dept-approved graphing calculator req.Formerly PROBLEM-SOLVING IN GRADES K-8.

Focus is on number theory concepts, including divisibility, primes, composites, special number sets, and basic counting principles.

312 PROBABILISTIC AND STATISTICAL REASONING FOR K-8 TEACHERS 4 F,S

C or better in MAT 131 and 202 req. Not for cr maj/min. Dept-approved graphing calculator req. Formerly PROBABILITY AND STATISTICS FOR K-8 TEACHERS.

Descriptive statistics, lines of best fit, basic concepts of probability, simulation, probability distributions, expectation, and counting techniques.

314 CONCEPTS OF CALCULUS FOR MIDDLE SCHOOL TEACHERS 4 S

C or better in MAT 304, 309 and 312 req. Not for cr maj/min. Dept-approved graphing calculator req. Formerly CONCEPTS OF CALCULUS FOR K-8 TEACHERS.

Concepts of differential and integral calculus, including limits, sequences, and transcendental functions. Emphasis on the role of calculus in Mathematics and problem-solving.

315 MATHEMATICAL MODELING FOR MIDDLE SCHOOL TEACHERS 4 F

C or better in MAT 304, 309 and 312 req. Not for cr maj/min. Dept-approved graphing calculator req.

Mathematical modeling and problem-solving with applications involving networks and communication systems, finance, global positioning, data systems, and various branches of science.

320 HISTORY OF MATHEMATICS TO 1600 2

MAT 145 rec.

Emphasis on Greek geometry, and growth of algebra and algebraic notation from early Mesopotamia through Renaissance.

321 HISTORY OF MATHEMATICS 1600-PRESENT 2

C or better in MAT 147 req.

Development of modern Mathematics (analysis, algebra, geometry) and the people in the forefront, beginning with Descartes. Emphasis on the 19th century.

323 TEACHING MATHEMATICS IN THE SECONDARY SCHOOL 3 F

C or better in MAT 211 and 223; C or better in MAT 236 or conc reg req. C&I 216; and a min 2.20 MAT GPA req. Dept-approved graphing calculator req. Incl Clin Exp: 35 hrs, Type 1-5, 9. Adm to Professional Studies req.

The selection, placement and teaching of secondary mathematics topics. Analysis of recent trends and practices.

324 SEMINARS FOR STUDENT TEACHERS OF MATHEMATICS 3 S

C or better in MAT 236 and 323 and conc reg or completion of student teaching in MAT req. Dept-approved graphing calculator req. Incl Clin Exp: 25 hrs, Type 1-5, 9. Adm to Student Teaching req.

Examines methods and materials for teaching algebra, geometry, and other secondary topics. Emphasizes content and professional aspects of mathematics teaching.

326 TECHNOLOGY TOOLS FOR SECONDARY SCHOOL MATHEMATICS 3 F

C or better in MAT 175 req. Dept-approved graphing calculator req.

Integrating computers and calculators in the secondary Mathematics curriculum.

330 NUMBER THEORY 3

C or better in MAT 175 or MAT 260 req.

Divisibility, primes, unique factorization, numerical functions, congruences, Diophantine equations, other topics.

336 ADVANCED ABSTRACT ALGEBRA 3

C or better in MAT 175 req; MAT 236 rec.

Introduction to groups, including permutation, symmetry and matrix groups, homomorphisms, normality, quotient groups, applications.

337 ADVANCED LINEAR ALGEBRA 4 F

C or better in MAT 175 and sr standing req.

Abstract vector spaces, linear transformations and matrices, inner product spaces, eigenvalues and eigenvectors, diagonalization. Applications to geometry, the physical and social sciences.

340 ELEMENTARY DIFFERENTIAL EQUATIONS I 3 F,S

C or better in MAT 147; MAT 175 or conc reg in MAT 175 rec; and C, FORTRAN, Pascal, PL/I, or approved programming language req.

First-order differential equations, linear differential equations, power series methods, Laplace transform methods, applications of differential equations.

341 ELEMENTARY DIFFERENTIAL EQUATIONS II 3 F,S
C or better in MAT 175 and 340 req.
Linear systems of differential equations, numerical methods, Fourier series, boundary-value problems, introduction to partial differential equations (Laplace, heat, and wave equations) and applications to nonlinear systems and phenomena.

345 ADVANCED CALCULUS 4
C or better in MAT 147 and 175 req.
Calculus of functions of several variables, Taylor's series of several variables, maxima and minima, Lagrange multipliers, inverse and implicit function theorems, multiple integration, line integrals, Green's, Stokes', and the divergence theorems.

347 ADVANCED REAL ANALYSIS 4 S
C or better in MAT 247 and 236; or 337 or cons inst req.
The real number system, topology of metric spaces, sequences, continuous functions, uniform convergence, differentiation, Taylor's Theorem, Riemann integration, the fundamental theorem of calculus, infinite series, power-series.

350 APPLIED PROBABILITY MODELS 4 F,S
C or better in MAT 147 req. Formerly MATHEMATICAL STATISTICS I.
Sample spaces, discrete and continuous random variables, probability functions, density, moment generating functions, important distributions. Multivariate distributions, Central Limit Theorem.

351 STATISTICS AND DATA ANALYSIS 4 F,S
C or better in MAT 350 req or cons of instr. Formerly MATHEMATICAL STATISTICS II.
Statistical estimation. Point and interval estimators. Consistency, unbiasedness, minimum variance. Hypothesis testing. Likelihood ratio tests. Regression, analysis of variance.

353 REGRESSION AND TIME SERIES ANALYSIS 4 F,S
MAT 351 or equiv or cons inst req. Also offered as ECO 353. Formerly ANALYSIS OF TIME SERIES.
Regression and time series methods for business and economic applications, including exponential smoothing and Box-Jenkins methods. Computer statistical package used.

356 STATISTICAL COMPUTING 4
C or better in 2 statistics courses; some facility with matrices req.
Application of SAS and SPSS programs to real data emphasizing regression, and analysis of variance.

361 TOPICS IN DISCRETE MATHEMATICS 2-4
C or better in MAT 175 or MAT 260 and approved programming language req. Each topic may be taken once.
Study of selected areas of discrete mathematics. Consult the *Course Registration Directory* on iCampus for the topics to be offered and the hours of credit to be earned during any given semester.

362 LINEAR PROGRAMMING 4 F
C or better in MAT 175 and C, FORTRAN, Pascal, PL/I, or approved programming language req.
Modeling and solution of problems using the simplex method. Duality, sensitivity, integer programming. Transportation problems.

363 GRAPH THEORY 4 F
C or better in MAT 175 or 260, and C, FORTRAN, Pascal, PL/I, or approved programming language req.
Introduction to graph theory, connectivity, matching, coloring, network flows with applications to communication reliability, scheduling, and traffic flow problems.

378 MATHEMATICAL MODELING 4 F
C or better in MAT 175 and 350 req. MAT 340 rec.
Applications of mathematical modeling to fields including biology, economics, engineering, political science, psychology, and sociology. Project required.

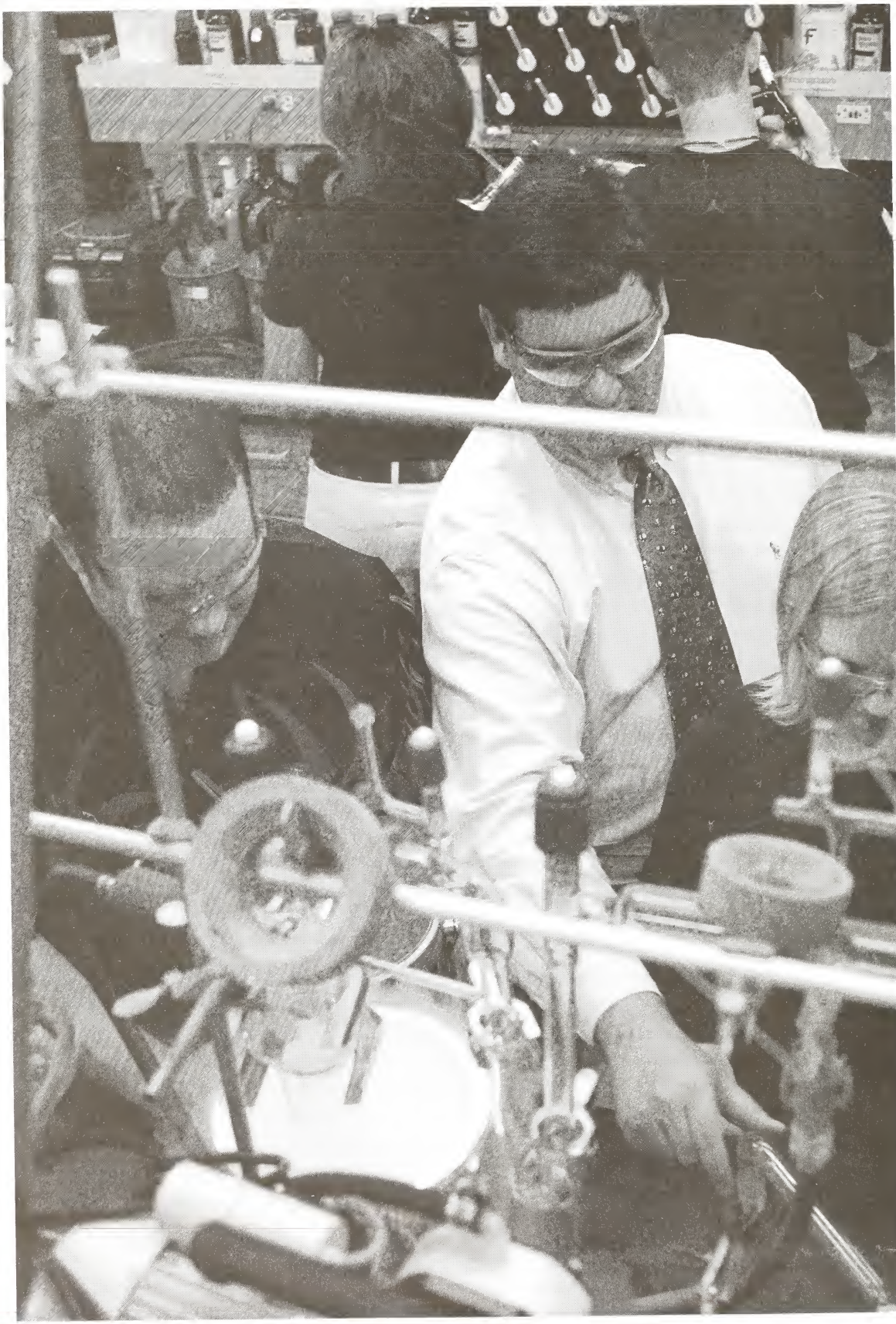
380 ACTUARIAL MODELS I 4 F,S
B or better in MAT 280 and 350 or cons inst req. Formerly INTRODUCTION TO LIFE CONTINGENCIES.
Survival distributions, life tables. Life insurance, life annuities and pensions. Premiums and reserves. Multiple lives. Multiple decrements. Models including expenses.

383 ACTUARIAL MODELS II 4 F,S
B or better in MAT 280 and 350 or cons inst req. Formerly CREDIBILITY THEORY AND LOSS DISTRIBUTIONS.
Frequency, severity, and loss distributions. Aggregate loss. Poisson process, surplus process, Markov chains. Ruin theory. Stochastic interest rates. Arbitrage-free models.

384 ACTUARIAL MODELING 4 F,S
C or better in MAT 351 and 383 or cons inst req.
Survival models estimation, both parametric and nonparametric. Estimation of loss distributions, frequency or severity models. Credibility theory. Actuarial communication.

385 ACTUARIAL EXAM PREPARATION 1 F,S
Cons inst req. Not for cr maj/min. MAT 385 not for cr if had MAT 147.
Study sessions to aid preparation for professional actuarial examinations. Consult the *Course Registration Directory* on iCampus or the actuarial adviser for the topics/sections to be offered during any given semester.

390 INDEPENDENT STUDY 1-3 F,S



PHILOSOPHY (PHI) 454

412 Stevenson Hall, (309) 438-7665

Web address: www.philosophy.ilstu.edu
Email address: philosophy@ilstu.edu

Chairperson: James Swindler.
Tenured/Tenure-track Faculty:
Professors: Deutsch, Gorr, Machina, Siderits, Simon, Stewart, Swindler.
Associate Professors: Anderson, Bailey, Horvath, Stillwell.

General Department Information

The Major in Philosophy is designed to provide a liberal arts core around which a student may build a program of courses to suit a wide variety of career opportunities or other goals. The Department encourages its students to work with a departmental advisor in selecting a minor, a second major, or a set of connected courses in various fields which will best combine with philosophical study to produce a program meeting their needs. Majors are encouraged to pursue undergraduate research and internship opportunities.

INTERDISCIPLINARY MINORS

The Department of Philosophy participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: Cognitive Science, Environmental Studies, Peace and Conflict Resolution, and Women's Studies. For further information, please consult the Department advisor as well as the section entitled University-Wide Curriculum in this *Undergraduate Catalog.*

Philosophy Programs

Degrees Offered: B.A.

MAJOR IN PHILOSOPHY, B.A.

— 30 hours in Philosophy.
— Required Philosophy courses by area: **Research Methods:** PHI 199; **Logic:** PHI 112 or MAT/PHI 210 (MAT/PHI 210 is strongly recommended); **Ethics:** PHI 232; **History of Philosophy:** PHI 254 and PHI 255; **Senior Thesis:** PHI 395.
— At least 15 additional hours in Philosophy with no more than 3 hours at the 100-level and at least 6 hours at the 300-level.
— Each major works out a coherent program of supporting courses tailored to the student's needs in consultation with a faculty advisor.

Majors are strongly encouraged to take PHI 199 concurrently with or after completing their first philosophy course.

Concentrations: Philosophy majors may elect to take courses in one or more of the following areas of concentration, depending on individual interests. (**NOTE**: a concentration is not required and will not appear on the student's transcript or diploma.)

Pre-law: PHI 234, 236, 238, 240, 242, 246.
Ethics: PHI 233, 234, 236, 248, 330.
Metaphysics and Epistemology: PHI 207, 208, 222, 224, 250, 251, 253, 310, 363.
History of Philosophy: PHI 207, 208, 256, 305, 350.

MINOR IN PHILOSOPHY

— 18 hours in Philosophy required.
— Required Philosophy courses by area: **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and PHI 255; at least 9 additional hours in Philosophy.
— Not more than two 100-level courses may count toward the minor.

MINOR IN PHILOSOPHY

For Teacher Education:

— 24 hours in Philosophy required.
— Required Philosophy courses by area: **Research Methods:** PHI 199; **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; **Ethics:** PHI 232 or 240 or 242; **Epistemology and Metaphysics:** PHI 256; and at least 6 additional hours in Philosophy with at least one 200- or 300-level course.

MINOR IN RELIGIOUS STUDIES

— 21 hours required, distributed as follows:
— 6 hours from Group A courses listed below, not including ANT 281. Courses must be from 2 different departments.
— 9 hours chosen from 3 of the Groups B, C, D, and E listed below. Courses must come from exactly 3 different Groups. Courses listed as "*Related Courses*" may not be used to satisfy this requirement.
— 6 additional hours from any of the Groups used to satisfy the previously-listed requirements; 3 of these hours may be chosen from the courses listed as "Related courses" for those Groups.

Students are advised to complete several courses from Groups B through E prior to enrolling in the courses of Group A, except that this advice does not apply to HIS 270. Courses listed as "*Related Courses*" in the following Groups may be of interest to students even though at most one of these may be used to complete the requirements for the minor.

Group A

HIS 270	World Religions/World Views
SOC 268	Sociology of Religion
ANT 279	Magic, Witchcraft, and Religion

Related Course:

ANT 281	Principles of Ethnology

Group B

ENG 106	Introduction to Literature: Literary Themes and Topics *(May be used only when the theme is approved by Religious Studies advisor.)*
ENG 250	Literature of the Bible I
ENG 251	Literature of the Bible II
ENG 352	Selected Figures in World Literature *(May be used only when the topic is approved by Religious Studies advisor.)*
PHI 222	Philosophy and Christian Theology

Related Courses:

ART 369	History of Medieval Art and Architecture
HIS 223	The Middle Ages: 1100-1500
HIS 225	The Reformation: Europe: 1500-1600
HIS 351	Ancient Near East

Group C

HIS 271	Islamic Civilization
HIS 378	Islam

Related Courses:

ART 366	Art of the Ancient Near East
HIS 351	Ancient Near East

Group D

HIS 269	History of Japanese Religions
PHI 207	Indian Philosophy
PHI 208	Buddhist Philosophy

Related Courses:

HIS 275	History of Japanese Civilization
HIS 276	History of Chinese Civilization

Group E

FOR 106	Myth and Meaning

Related Courses:

ART 367	Greek Art
ART 368	Roman Art and Architecture
HIS 220	Ancient History: Greece
HIS 221	Ancient History: Rome
HIS 351	Ancient Near East

NOTE: Students wishing to minor in Philosophy are requested to inform the Department of their intention and are invited to discuss their program with an advisor in the Department of Philosophy.

Philosophy Courses

Freshmen wishing to select a Philosophy course normally should enroll in a 100-level course. Courses at the 300-level presuppose at least the level of sophistication that the successful completion of one or more lower-level courses in Philosophy would demonstrate.

101 BASIC ISSUES IN PHILOSOPHY OC-H 3 F,S
ENG 101; COM 110 req.
An introduction to central philosophical issues, e.g., knowledge, reality, freedom, God, and morality.

104 THE IDEAL OF DEMOCRACY MC-ICL 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option.
Critical examination of the nature and moral justification of democracy, particularly as it is practiced in the United States.

112 LANGUAGE, LOGIC AND MATHEMATICS MC-QR 3 F,S
MAT 111, 120, 130 or 145 req. May not be taken under the CT/NC option.
Using modern logic to understand basic mathematical concepts (such as function and proof) as well as complementary concepts outside mathematics (such as demonstration and explanation).

150 SCIENCE AND HUMAN CULTURE OC-H 3 F
ENG 101; COM 110 req.
Examination of the dynamic interrelationship between human culture and the scientific methodologies used to study it; how culture both shapes and is shaped by science.

199 PHILOSOPHICAL RESEARCH METHODS 2 F
3 hrs PHI or cons instr req.
Develops philosophical methods for majors. Normally taken before other major courses, particularly PHI 210.

202 SEX, VALUES, AND HUMAN NATURE OC-H 3 F,S
ENG 101; COM 110 req. MC-IS category req.
Investigation of competing views about the nature of human sexuality, and their moral and social consequences.

207 INDIAN PHILOSOPHY 3 F
Major Indian philosophical issues and theories and their contribution to Indian religion and culture; Hindu systems and the early Buddhist challenge.

208 BUDDHIST PHILOSOPHY 3 S
Origins and development of Buddhist philosophy; East Asian transformation (including Zen).

210 SYMBOLIC LOGIC I 3 F
1 yr each high school algebra and high school geometry. Also offered as MAT 210.
Introduction to proof theory. Formal deductive systems, especially propositional logic and predicate logic. Properties of deductive systems, such as consistency and completeness.

222 PHILOSOPHY AND CHRISTIAN THEOLOGY 3 F or S
Philosophical examination of selected central ideas in Christianity, such as the incarnation, the trinity, sin, salvation, and ethics. Standard philosophical methodologies will be employed.

224 MEANING AND RELIGIOUS BELIEF OC-H 3 F,S
ENG 101; COM 110 req. MC-LH category req.
Interdisciplinary examination of religion, emphasizing the character and evaluation of religious world views and their connections to mythologies, ethics, and ethos.

232 CLASSIC WESTERN MORAL THEORIES 3 F
C or better in 1 PHI course or 2.50 overall GPA rec. Formerly ETHICS.
Examination of major historical thinkers, e.g., Aristotle, Mill, Kant. Topics include value, obligation, virtue, moral justification, and moral standards.

233 CONTEMPORARY WESTERN MORAL THEORIES 3 S
PHI 232 and PHI 199 (may be taken concurrently).
A survey of important thinkers and developments in twentieth-century moral philosophy. Problems and theories discussed concern values and right conduct.

234 BUSINESS ETHICS 3 F or S
A philosophical examination of selected ethical issues in business practice including discussions of case material, such as personnel management, advertising, labor-management relations, and corporate responsibility.

236 VALUES AND THE ENVIRONMENT 3 F or S
Philosophical examination of selected moral and social issues involving humans, nonhumans, and the environment, e.g., animal rights, resource distribution, environmental racism.

238 RIGHTS AND WRONGS OC-H 3 F,S
ENG 101; COM 110 req. MC-IS category req.
Interdisciplinary approach to the analysis of moral and social issues in relation to the cultural contexts in which they arise.

240 POLITICAL PHILOSOPHY 3 F or S
C or better in 1 PHI course or 2.50 overall GPA rec.
Discussion of traditional and contemporary issues, e.g., human rights, theories of justice, Marxism, civil disobedience, punishment, and the end and limit of government.

242 PHILOSOPHY OF LAW 3 F or S
1 PHI course or a law-related course rec.
Evaluation of conflicting views concerning the nature of law, legal obligation, legal rights, and the justification of punishment.

246 FEMINIST POLITICAL PHILOSOPHY 3 F or S
Examination of feminist political theories addressing the oppression of women. Critical scrutiny of philosophical foundations of feminism.

248 MODERN WAR AND MORALITY 3 F or S
Intensive examination of moral problems concerning war, e.g., pacifism, self-defense, conscription, terrorism, nuclear deterrence.

250 PHILOSOPHY OF SCIENCE 3 S
The nature of scientific theories, methods, reasoning, hypotheses, laws, and explanations.

251 VISIONS OF THE SELF: A STUDY OF MINDS AND PERSONS OC-H 3 F,S
ENG 101; COM 110 req.; MC-IS category req.
Study of mind and self, drawing on insights from literature, philosophy, psychology, ethics, medicine, and artificial intelligence.

253 PHILOSOPHY AND THE BEHAVIORAL SCIENCES 3 F or S
Philosophical issues raised by and relevant to the scientific study of human behavior.

254 ANCIENT AND MEDIEVAL PHILOSOPHY 3 F
C or better in 1 PHI course or 2.50 overall GPA rec.
Classic Western philosophical ideas from the earliest times to the 15th century. The pre-Socratics, Socrates, Plato, Aristotle, Augustine, Aquinas, and others.

255 MODERN PHILOSOPHY 3 S
C or better in 1 PHI course or 2.50 overall GPA rec.
Classic western philosophical ideas of the 17th and 18th centuries. Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

256 MAJOR THEMES IN WESTERN PHILOSOPHY SINCE KANT 3 F
PHI 199 or conc req; PHI 255 req. Formerly PHI 281 RECENT HISTORY OF METAPHYSICS AND EPISTEMOLOGY.
Study of important philosophical themes and figures of the 19th and 20th centuries.

298 PROFESSIONAL PRACTICE: INTERNSHIP IN APPLIED PHILOSOPHY 1-12 F,S
3 PHI courses req, including at least 1 at the 200- or 300-level. 2.50 GPA in PHI courses req. Complete dept application procedure. Max 3 hrs toward PHI maj/min. Cons dept chair.
Planned, supervised experience in a governmental or community organization providing experience in applying philosophical theory to current social or scientific problems.

305 TOPICS IN 20TH CENTURY PHILOSOPHY 3 F or S
PHI 256 and PHI 112 or MAT/PHI 210 req. Formerly 20TH CENTURY PHILOSOPHY. May be repeated for cr if topic different.
Major philosophical movements of the 20th century, focusing on significant figures.

310 TOPICS IN PHILOSOPHY OF SCIENCE 3 F or S
Cons inst. May be repeated for cr if topic different.
Examination of topics in philosophy of natural, behavioral, and/or social sciences, e.g., scientific explanation, evidence, methodology, progress, universality, normativity, testability.

315 TOPICS IN PHILOSOPHY, SCIENCE, AND THE MIND 3 F or S
Cons inst. May be repeated for cr if topic different.
Exploration of a philosophical topic on the scientific study of the mind (e.g., mind-body problem, artificial intelligence, philosophical psychology, neuroscience).

330 TOPICS IN MORAL THEORY 3 F or S
Cons inst req. Formerly MORAL THEORY. May be repeated for cr if topic different.
Examination of fundamental issues in moral philosophy, e.g., possibility of moral knowledge, justification of value judgments, nature of moral responsibility.

339 TOPICS IN THE PHILOSOPHY OF ART 3 F or S
2 PHI courses req, Incl one 200-level or higher. Grad students may enroll without previous PHI courses. May be repeated for cr if topic different.
Philosophical examination of expression, aesthetic experience, representation, nature of art, possibility of objective evaluation as applied to various art forms.

340 TOPICS IN LEGAL AND POLITICAL PHILOSOPHY 3 F or S
Cons inst req. Formerly TOPICS IN POLITICAL PHILOSOPHY. May be repeated for cr if topic different.
Intensive examination of selected topics in social, political and legal philosophy, e.g., liberty, justice, rights, equality, community, democracy, political obligation.

350 TOPICS IN THE HISTORY OF PHILOSOPHY 3 F or S
Cons inst req.. May be repeated for cr if topic different.
Intensive examination of an important figure, movement, or theme in the history of philosophy, e.g. Plato, British Empiricism, freewill/determinism.

363 TOPICS IN METAPHYSICS AND EPISTEMOLOGY 3 S or F
PHI 256 and PHI 112 or MAT/PHI 210. May be repeated for cr if topic different.
Detailed examination of selected issues in contemporary metaphysics and epistemology.

390 INDEPENDENT STUDY 1-3
1 PHI course; cons inst and dept chair req.

395 SENIOR THESIS 1 F,S
Completion of a min of 23 hrs of PHI courses including at least one 300-level course.
Students will revise and expand their previous or concurrent course work to produce a substantial philosophical essay.

PHYSICS (PHY) 456

311 Moulton Hall, (309) 438-8756
Web address: www.phy.ilstu.edu
Email address: info@phy.ilstu.edu

Chairperson: Richard F. Martin, Jr.
Tenured/Tenure-track Faculty:
Distinguished Professor: Grobe.
Professors: Clark, Hassani, Holland, Karim, Martin, Ren, Su.
Associate Professors: Matsuoka, Rosa, Rutherford.
Assistant Professors: Marx.

General Department Information

The Physics Major sequences at Illinois State University are sufficiently flexible to serve the needs of students with any of the following goals: (1) government or industrial research and development, (2) graduate study in Physics, or an allied field such as Engineering, (3)high school Physics/Science teaching, or (4) professional study in intellectual property law, patent law, or medicine.

Physics Programs

Degrees Offered: B.S.

MAJOR IN PHYSICS

Physics Sequence:

— 44 hours in Physics required.
— Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270 (3 hours), 284, 325, 340, 384; 6 additional hours of 300-level Physics courses; CHE 140 and 141 are also required for the major.

Computer Physics Sequence:

— 43 hours in Physics required.
— Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270 (1 hour), 284, 318, 325, 388, 390; 6 additional hours of 300-level Physics courses, of which at least 1 course must be chosen from PHY 320, 340 and 384; ITK 254; majors should take Natural Science Alternative General Education courses.

Engineering Physics Program with University of Illinois or Other Approved Engineering University:

— 44 hours total in Physics and Engineering required.
— Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270 (1 hour), 284; 17 additional hours of approved upper division courses transferred from the chosen engineering university; CHE 140 and 141 are also required.
— Offered previously as Affiliated Engineering.

Teacher Certification Sequence:

— 40 hours in Physics required. Part of entitlement program leading to science certification at the secondary level.
— Required courses: PHY 107, 110, 111, 112, 205, 209, 217, 220, 270 (2 hours), 302, 310, 311, 312 and 353. Majors must also take either PHY 240 or 284. CHE 140 and 141 are also required for this major.

MINOR IN PHYSICS

— 23 hours in Physics required.
— Required courses: PHY 110, 111, 112; 11 additional hours of electives from 200- or 300-level Physics courses.

MINOR IN PHYSICS

For Teacher Education:

— 26 hours in Physics required.
— Required courses: PHY 110, 111, 112, 270 (1 hour), 311.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Physics Courses

102 ATOMS TO GALAXIES IC-NS 3 F,S
Not for cr maj/min or if had PHY 105, 108, or 110. May not be taken under the CT/NC option. Lecture and lab.
Concepts, history, and methodology of physical ideas such as motion, thermodynamics, electromagnetism, quanta, and relativity with interrelationships and applications.

105 FUNDAMENTALS OF PHYSICS IC-NSA 4 F,S
Not for cr if had PHY 108, 110 or equiv. Lecture and lab. Intended for students not maj or min in the physical sciences. May not be taken under the CT/NC option.
Concepts and principles of mechanics, heat, wave motion, electricity, magnetism, and light. Applications to everyday life.

107 FRONTIERS OF PHYSICS 2 F
Designed for students in all physics sequences. Materials charge optional. CR/NC only.
An introduction to selected contemporary topics in pure and applied physics. Orientation to physics and allied fields such as engineering as discipline and profession.

108 COLLEGE PHYSICS I IC-NSA 5 F,S
2 years of high school algebra or equiv req. Not for cr if had PHY 110 or equiv. Lecture and lab. May not be taken under the CT/NC option.
Basic principles of mechanics, wave motion, sound and heat, developed with algebra. Includes diverse scientific and technological applications.

109 COLLEGE PHYSICS II 5 F,S
PHY 108 or 110 req. Not for cr if had PHY 111 or equiv. Lecture and lab. Continuation of PHY 108.
Electrostatics, electrical currents, magnetism, light and optical instruments, quantum, atomic, and nuclear physics, special relativity.

110 PHYSICS FOR SCIENCE AND ENGINEERING I IC-NSA 4 F,S
MAT 145 or conc reg req. Lecture and lab. May not be taken under the CT/NC option. Not for cr if had PHY 108 or equiv. Materials charge optional.
Basic principles of mechanics, wave motion, and sound, developed with calculus. Includes diverse scientific and technological applications.

111 PHYSICS FOR SCIENCE AND ENGINEERING II 4 F,S
PHY 110; MAT 146 or conc reg req. Not for cr if had PHY 109 or equiv. Lecture and recitation. Lab (every other week). Continuation of PHY 110. Materials charge optional.
Thermodynamics, electrostatics, electrical currents and circuits, magnetism, Faraday's Law.

112 PHYSICS FOR SCIENCE AND ENGINEERING III 4 F,S
PHY 111; MAT 147 or conc reg req. Lecture and lab. Materials charge optional.
Electromagnetic waves, optics, relativity, quantum theory, atomic and nuclear physics. Lectures, demonstrations, discussions, laboratory exercises, computer lab.

117 NUMERICAL REASONING IN NATURE AND TECHNOLOGY MC-QR 3 F,S
MAT 111, 120, 130, or 145 req. May not be taken under the CT/NC option.
Logical, analytical, mathematical, and computational skills important to quantitative understanding of topics in nature and technology.

152 STATICS 3 S
PHY 110 and MAT 147 req.
Analysis of force systems; equilibrium of two- and three-dimensional systems; trusses, frames, friction; centroids; moments of inertia; hydrostatic pressure on submerged bodies; principle of virtual work.

201 ASTRONOMY LABORATORY 2 F,S
PHY 101 and cons inst req; PHY Ed maj only; course may not be taken in fulfillment of ISBE req for second area certification.
Optional lab to complement and extend concepts presented in PHY 101. Special emphasis placed on the role of astronomy in the secondary school curriculum.

205 ORIGIN OF THE UNIVERSE OC-SMT 3 F,S
Inner Core and PHY 102 req. MC-QR category req.
Big Bang Theory; observational and theoretical basis for its development; the early universe; and connection between the universe and subatomic particles.

206 CHAOS AND COMPLEXITY OC-SMT 3 F,S
Inner Core req. MC-QR category req.
Chaos and complexity science in historical/social context, strange attractors, fractals, and self-organization; diverse applications from weather forecasting to artificial life.

207 ENERGY AND SOCIETY OC-SMT 3 F,S
Inner Core req. MC-QR category req.
Scientific, technological, environmental, economic, health, ethical, and political aspects of energy production and use, from fossil and nuclear fuels to renewable energy sources.

209 INTRODUCTION TO TEACHING HIGH SCHOOL PHYSICS 1 F
10 hrs in PHY req. Physics Teacher Ed maj/min only. Clin Exp: 25 hrs, Type 1-6.
A weekly seminar in which students exchange information and share reflections derived from clinical observations made in area high schools.

217 METHODS OF THEORETICAL PHYSICS 3 S
PHY 111; MAT 147; MAT 175 or conc reg req.
Mathematics applied to physics: multivariate calculus, vector and tensor analysis, curvilinear coordinates, complex numbers, differential equations, numerical methods.

220 MECHANICS I 3 F
PHY 112 and MAT 147 req.
Newton's laws applied to the study of motion of point masses subjected to viscous, frictional, elastic, central, harmonic, interparticle, and conservative forces.

240 ELECTRICITY AND MAGNETISM I 3 F
PHY 217 req.
Electrostatic fields and potentials in vacuum, Gauss' law, electrostatics of dielectrics, magnetostatics, Biot-Savart, Ampere, and Faraday laws, magnetic induction, magnetic materials, and Maxwell's equations.

270 EXPERIMENTAL PHYSICS 1 F,S
PHY 112 and 220 req; ENG 249 rec. Repeatable for cr up to max of 3 hrs total.
Laboratory experiments that demonstrate principles of mechanics, electricity, magnetism, optics, and modern physics. Emphasis on experimental technique, analysis, and on the quality of written reports.

284 QUANTUM MECHANICS I 3 S
PHY 112 and MAT 175 req. PHY 217 or conc reg req.
Blackbody radiation, photoelectric effect, wave-particle duality, uncertainty principles, Schrodinger equation, probability amplitudes, one-dimensional potentials, hydrogen atom.

290 RESEARCH IN PHYSICS 1-3 F,S
20 hrs Physics req. May be repeated; max 3 hrs. 3 hrs conference, lab or library research per week for each hr of cr.
An introduction to the scientific discovery process through participation in a departmental research program.

302 COMPUTER APPLICATIONS IN HIGH SCHOOL PHYSICS 1 F
1 hr of PHY 270 req.
Applications of computers in teaching of high school physics.

310 READINGS FOR TEACHING HIGH SCHOOL PHYSICS 3 S
10 hrs in PHY req.
Essential background readings for teaching high school physics that center around developing scientific literacy in students.

311 TEACHING HIGH SCHOOL PHYSICS 3 F
18 hrs in PHY req; PHY 310 req; C or better in C&I 216 or conc reg req. Clin Exp: 10 hrs, Type 1-6.
Strategies, curricula, and resources for the teaching of high school physics. Application of knowledge of physics, adolescent psychology, and pedagogical theory to secondary teaching.

312 PHYSICS TEACHING FROM THE HISTORICAL PERSPECTIVE 3 S
20 hrs in PHY req. Adm to Professional Studies req.
Overview of the development of classical scientific thought relating to physical phenomena with applications to pedagogy.

318 METHODS OF COMPUTATIONAL SCIENCE 3 S
ITK 165; CHE 140; PHY 109 or 111; CHE 360 or PHY 220 or conc reg; or cons inst req. Also offered as CHE 318. Formerly PHY 288.
Introduction to a wide variety of computational techniques and their application to problems in chemistry and physics.

320 MECHANICS II 3
PHY 220 and MAT 340 req.
Coordinate transformations, nonlinear oscillations, Hamilton's Principle, Lagrangian and Hamiltonian mechanics, rigid body motion.

325 THERMAL PHYSICS 3 F
PHY 284 req.
Thermodynamics, kinetic theory, and statistical mechanics with discussion on phase transitions and critical phenomena.

330 OPTICAL PHYSICS 3
PHY 240 req.
Optical systems, electromagnetic waves, interference and diffraction, quantum optics.

340 ELECTRICITY AND MAGNETISM II 3 S
PHY 240 and MAT 340 req.
Electrostatic boundary value problems; Maxwell's equations; polarization, reflection, and transmission of electromagnetic waves, waveguides; electromagnetic radiation, fundamentals of antenna theory, relativistic electromagnetism.

353 STUDENT TEACHING SEMINAR 1 S
Conc reg in STT 399.72 req. Clin Exp: 15 hrs, Type 1-6.
A seminar through which students exchange information, share reflections, and document observations and activities prior to and during student teaching.

355 SOLID STATE PHYSICS 3
PHY 325 req.
Crystal structures, X-ray and electron diffraction, lattice vibrations and thermal properties, binding energy, conduction of electrons, band theory, dielectric and magnetic properties, defects, metals, semiconductors, and insulators.

375 ELECTRONICS FOR SCIENTISTS 3
PHY 109 or 111 req. Lecture and lab
DC and AC circuit analysis with an introduction to the electrical properties of semiconductors; theoretical and experimental analysis of semiconductor diode, transistor, and operational amplifier circuits.

380 TOPICS IN CONTEMPORARY PHYSICS 1-3
Sr standing only. Cons inst req. May be repeated.
Recent developments in the fields of atomic, biomolecular, elementary particle, many-body, molecular, nonlinear, nuclear, plasma, and solid-state physics.

384 QUANTUM MECHANICS II 3 S
PHY 284 and MAT 340 req.
Operator formalism, Dirac bra and ket notation, angular momentum, perturbation theory, applications to laser physics.

387 METHODS OF MATHEMATICAL PHYSICS 3
PHY 240 and MAT 340 or conc reg req.
Finite- and infinite-dimensional vector spaces, matrices and determinants, Fourier analysis, complex analysis, differential equations. Emphasis on physical applications.

388 ADVANCED COMPUTATIONAL PHYSICS 3 F
PHY 220, 240, 284, and 318 or cons inst req.
Application of computational methods to contemporary topics in physics, including nonlinear classical and quantum dynamics or physical problems that involve many degrees of freedom.

390 COMPUTATIONAL RESEARCH IN PHYSICS 1-2 S
PHY 388 req.
Independent computational project in physics.

POLITICS AND GOVERNMENT (POL) 460

401 Schroeder Hall, (309) 438-8638
Web address: www.politicsandgovernment.ilstu.edu

Chairperson: Jamal Nassar.
Tenured/Tenure-track Faculty:
Distinguished Professor: Payne.
Professors: Bradley, Crothers, Leatherman, Lind, Nassar, Steger, Wang.
Associate Professors: Kiser, Klass, Parodi, Pope, Riaz .
Assistant Professors: Cox, Shapiro, Tamas, Webber, Weiden.

General Department Information

The Department of Politics and Government provides students with a program that offers a broad liberal education and at the same time provides opportunities to begin a specialized concentration in one area of the discipline such as public service or global studies. The study of political science leads into careers in law and paralegal services; local, state, and federal governments and not-for-profit agencies; international public and private organizations; teaching and research; and in the private sector-especially government-related activities of business. Career information, including career-related courses offered by other departments, is available from the Department's undergraduate, concentration, and pre-law advisors. Teacher Education students majoring in Political Science fulfill Professional Education requirements through the Social Sciences program.

MAJOR IN SOCIAL SCIENCES EDUCATION

The major in Social Sciences Education is administered by the Department of History in cooperation with the Departments of Economics; Politics and Government; and Sociology-Anthropology. For further information see Social Sciences Programs.

INTERDISCIPLINARY MINORS

The Department of Politics and Government participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: African-American Studies, African Studies, Environmental Studies, Ethnic and Cultural Studies, International Studies, Middle Eastern and South Asian Studies, Peace and Conflict Resolution Studies, Tourism Studies, Urban Studies, and Women's Studies. For further information on any of these minors and their advisors, please consult the University-Wide Curriculum section in this *Undergraduate Catalog.*

HONORS IN POLITICS AND GOVERNMENT

Students majoring or minoring in Political Science may be admitted to the Departmental Honors Program if they have: (1) completed at least 30 semester hours of college- or university-level courses, including at least 2 Political Science courses; (2) a minimum of 3 semesters remaining before graduation; (3) a cumulative GPA of 3.30; (4) one letter of recommendation submitted by a Politics and Government faculty member to the undergraduate advisor; (5) membership in the University Honors Program; and (6) admission approval from the Departmental Honors Advisor.

In order to graduate with honors in Politics and Government a student must complete: (1) all regular requirements for the Political Science Major; (2) 3 hours of in-course honors; (3) 3 hours in POL 302: Honors Seminar; (4) 3 hours of POL 299: Independent Honors Study; and (5) have a major GPA of at least 3.50.

Any student admitted to the University Honors Program may earn honors credit by completing the honors requirements of either a designated honors course or of a course offering an in-course honors option.

Politics and Government Programs

Degrees Offered: B.A., B.S.

MAJOR IN POLITICAL SCIENCE

- 33 hours in Politics and Government including at least 18 hours at the 200-level or above and at least 6 hours at the 300-level (excluding internships, independent studies, and readings courses).
- Required courses: POL 105 or 106, 161, 209; either 140, or 141 and either 150 or 151.
- A maximum of 6 hours in POL 398.01 and 398.20 may count toward a Political Science major.
- It is recommended that Political Science majors enroll in POL 105 or 106 in their first year of study and in 209 in their second year of study. Transfer students wishing to complete the Major are recommended to enroll in POL 105 or 106 and 209 in their first year at Illinois State University if they have not already had equivalent courses.

Global Studies Sequence:

- 12 credits in Politics and Government International Relations and Comparative courses as well as completing the POL major. Up to 18 hours outside the Department may be required (see below).
- **International Relations Component**. 6 hours from the following courses: POL 251, 252, 254, 255, 293.01, 335, 344, 351, 358, 363.
- **Comparative Politics Component**. 6 hours from the following courses: POL 240, 242, 245, 246, 247, 340, 341, 345, and 349.
- At least 3 hours of the course work chosen from the Components must be at the 300-level.
- Students must complete one of the following four options:
  1. 18 hours of approved cognate courses.
  2. An approved study abroad.
  3. Completion of FOR 112 or equivalent.
  4. An approved internship.
- It is required that students develop their Global Studies Sequence in consultation with the Global Studies Coordinator.

Leadership and Social Justice Sequence:

- 16 hours Politics and Government core courses required: POL 105 or POL 106; POL 140 or POL 141; POL 150 or POL 151; POL 161 and POL 209 (4 hours).
- 12 hours in Politics and Government Leadership in Public Affairs and Social Justice Issues courses, as well as completing the Major in Political Science and either an internship component, approved off-campus course of study focused on issues of leadership and social justice, or completion of approved cognate courses outside of the department (see below).
- **Leadership in Public Affairs Component:** Any two of the following courses (6 hours): POL 162, 213, 214, 217, 218, 220, 221, 231, 252, 293.01, 323, 330, 335, 398.01.
- **Issues in Social Justice Component:** Any two of the following courses (6 hours): POL 225, 232, 236, 240, 245, 246, 247, 254, 262, 334, 336, 352, 358, 363.
- At least 3 hours of the course work chosen from the Components must be at the 300-level, excluding 398.01. At the discretion of the sequence advisor, one other departmental course may be substituted for courses enumerated in the sequence list.
- Students must complete one of the following three options:

  1. Approved Internship in Public Affairs and Social Justice (6 hours maximum).
  2. Six approved cognate courses (18 hours) from the following: ANT 175; COM 178; ENG 261; GEO 140; HIS 111, 230, 268; IDS 111; PHI 104, 238, 246, 248; PSY 131, SWK 125; SOC 108, 111, 240, 264, 341, 361, 366; WS 120.
  3. Approved off-campus study program with emphasis on leadership and social justice (programs vary from 12 to 17 hours).

NOTE: Students are required to develop their Leadership and Social Justice Sequence in consultation with the departmental sequence advisor.

Public Service Sequence:

This program is a subdivision of courses encompassed within the Political Science Major/Minor designed to prepare students for employment in the public or nonprofit sector. The primary objective of this concentration is to serve the needs of those interested in pursuing a public service career and those who wish to learn more about public bureaucracies.

- 18 hours in Public Service courses in the Political Science Major or Minor.
- Required courses: POL 231 and 398.01 (minimum of 3 credit hours).
- Elective Public Service courses:
  Option A: Two 200-level and two 300-level Public Service courses **or**
  Option B: One 200-level and three 300-level Public Service courses.
- Public Service courses include: POL 214, 220, 221, 222, 232, 236, 318, 323, 329, 330, 331, 332, 333, 334, and 335.
- It is highly recommended that students develop their Public Service Sequence in consultation with a departmental sequence advisor.

MINOR IN POLITICAL SCIENCE

— 18 hours in Political Science required.
— Required course: POL 105 or 106.
— A maximum of 3 hours in POL 398.01 and 398.20 may count toward a Political Science minor.

Public Service Sequence:

— 18 hours in Public Service courses in the Political Science Major or Minor.
— Required courses: POL 231 and 398.01 (minimum. of 3 credit hours).
— Elective Public Service courses:
Option A: Two 200-level and two 300-level Public Service courses **or**
Option B: One 200-level and three 300-level Public Service courses.
— Public Service courses include: POL 214, 220, 221, 222, 232, 236, 318, 323, 329, 330, 331, 332, 333, 334, and 335.
— It is highly recommended that students develop their Public Service Sequence in consultation with a departmental sequence advisor.

MINOR IN POLITICAL SCIENCE

For Teacher Education:

— In addition to those listed for the Minor in Political Science, students must complete education courses that are required for state certification. See undergraduate advisor for further information.

Legal Studies Program

The Legal Studies curriculum is designed to provide knowledge and skills related to various types of paralegal careers. This program may not be appropriate for pre-law students. While a major is not offered, interested students should consult the Legal Studies coordinator about the possibility of an individualized major under the General Studies program. In order to gain admission into the Legal Studies program, a student must have submitted a formal application to the Legal Studies coordinator; must have completed at least two (2) approved Legal Studies courses (one of which must be POL 201); and must have earned a cumulative GPA of at least 2.50 in those 2 Legal Studies courses. For further information contact Department of Politics and Government.

MINOR IN LEGAL STUDIES

— 24 hours required.
— Required courses (15 hours): POL 201, 203, 204, 370, 371.
— 9 hours selected from the following Legal Studies Specialty Courses: POL 216, 314, 319, 322, 372, 398.20. A maximum of 6 credits of internship can be counted toward fulfilling the Legal Studies requirements. Additional hours of internship may be taken for credit as University electives.
— **NOTE:** Only Legal Studies courses with a grade of C or higher can count toward the minor.

Politics and Government Courses

Students should consult the Department advisor to learn which selected studies (189, 289, 389) courses may satisfy major requirements; this would include Politics and Government SENIOR SEMINAR, which counts toward fulfilling the 300-level hours requirement.

101 CITIZENS AND GOVERNANCE MC-ICL 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option.
Examination of the nature and purpose of government, the rights and responsibilities of citizenship, and the impact of societal cleavages.

105 AMERICAN GOVERNMENT AND POLITICS 3 F,S
Not for cr if had POL 106.
Surveys the entire U.S. political process, concentrating on the national level. Includes constitutional structure, patterns of behavior, and policy making institutions.

106 U.S. GOVERNMENT AND CIVIC PRACTICES MC-ICL 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Not for cr if had POL 105.
Examines the sources and effects of practices and institutions of participation, influence and cleavages in U.S. politics.

138 QUANTITATIVE REASONING IN POLITICAL SCIENCE MC-QR 3 F,S
MAT 111 or 120 or 130 or 145 or cons of inst req. May not be taken under the CT/NC option. Formerly SOCIAL SCIENCE REASONING USING STATISTICS. Not for cr if had ECO 138, GEO 138, PSY 138 or MQM 100.
Uses a classroom laboratory approach to develop skills in statistical reasoning and method.

140 INTRODUCTION TO THE POLITICS OF AFRICA, ASIA, AND LATIN AMERICA OC-SS 3 F,S
Inner Core req. Not for cr if had POL 145. Formerly POLITICS OF AFRICA, ASIA, AND LATIN AMERICA.
Overview of the politics and cultures of the peoples and countries of Africa, Asia, and Latin America.

141 INTRODUCTION TO EUROPEAN POLITICS 3 F,S
Structure, function, and political processes of European governments. Emphasis on Britain, France, and Germany.

150 INTRODUCTION TO U.S. FOREIGN POLICY 3 F,S
The formulation, implementation, and content of U.S. foreign policy.

151 INTRODUCTION TO INTERNATIONAL RELATIONS 3 F,S
Emphasizes understanding the behavior and characteristics of nation-states and issues affecting their relations with each other.

161 INTRODUCTION TO POLITICAL THINKING 3 F,S

Critical consideration of basic political questions such as the nature of the state, civic order, and forms of government.

162 CONFLICT, COOPERATION, AND STRATEGIC DECISION-MAKING MC-QR 3 F,S

MAT 111, 120, 130 or 145 req. May not be taken under the CT/NC option. Also offered as MAT 162.

Game theory, mathematical study of conflict and cooperation with applications. Analysis of two-person zero-sum and non-zero sum games, and n-person games.

209 EMPIRICAL RESEARCH METHODS 4 F,S

3 hrs POL or cons inst req.

Major issues, systematic approaches, and research techniques involved in the study of politics.

213 U.S. CONGRESSIONAL POLITICS 3

POL 101, 105, or 106 or cons inst req.

Major congressional institutions and proposals for their reform.

214 U.S. PARTIES AND INTEREST GROUPS 3 F

POL 101, 105, or 106 or cons inst req.

Study of roles, functions, effects, and consequences of political parties and interest groups in the U.S.

215 U.S. JUDICIAL PROCESS 3 F,S

POL 101, 105, or 106 or cons inst req.

Introduction to the major elements of the judicial system: police, lawyers, juries, and judges. Concentrates on organization and behavior.

217 U.S. PRESIDENCY 3 F

POL 101, 105, or 106 or cons inst req.

The presidency is examined pre-eminently as an office of political influence, decision-making, and policy implementation.

220 CAMPAIGN POLITICS 3

POL 101, 105, or 106 or cons inst req. POL 214 rec.

Consideration of campaign planning, management, and activities through reading, discussion, and supervised student campaign participation. Ordinarily scheduled to coincide with federal primary and general election years.

221 U.S. STATE AND LOCAL GOVERNMENTS 3

POL 101, 105, or 106 or cons inst req.

Structures and functions of state and local governments. Includes discussion of comparative state and local politics and policy outputs.

222 METROPOLITAN POLITICS AND PROBLEMS 3

POL 101, 105, or 106 or cons inst req.

A systems analysis of the processes and interactions of the environmental, social, economic, and power components of metropolitan political systems.

225 WOMEN IN POLITICS 3

45 sem hrs or cons inst req. POL 101, 105, or 106 rec.

The study of the role of women in the political process.

231 PUBLIC ADMINISTRATION 3 F,S

POL 101, 105, or 106 or cons inst req.

Mission, structure, function, politics, and public policy development of public administration, including parameters of public finance and personnel.

232 POLITICS AND PUBLIC POLICY 3

POL 101, 105, or 106 or cons inst req.

Introduction to the political processes of public policy formation, including theories, and an analysis and evaluation of selected policy areas.

236 ENVIRONMENTAL POLITICS AND POLICY 3 S

POL 101, 105, or 106 or cons inst req.

An examination of the development and implementation of government policy on the environment.

240 LATIN AMERICAN POLITICS 3

45 hrs or cons inst req. POL 140 rec.

Politics of development and regional integration in South and Central America, using selected countries as examples.

242 RUSSIAN AND EASTERN EUROPEAN POLITICS 3

45 hrs or cons inst req. POL 141 rec.

Comparative analysis of Russian and Eastern European political systems.

245 ASIAN POLITICS 3

45 hrs or cons inst req. POL 140 rec.

Comparative analysis of of the political systems and policies of Asian nations.

246 AFRICAN POLITICS 3 S

45 hrs or cons inst req. POL 140 rec.

Comparative analysis of African political systems, including such contemporary problems as the politics of race, nation building, and economic development

247 MIDDLE EASTERN POLITICS 3

45 hrs or cons inst req. POL 140 or rec.

Comparative analysis of the political systems of selected Middle Eastern states and of region-wide issues including nationalism, revolution, and conflict.

251 THEORIES AND CONCEPTS OF INTERNATIONAL RELATIONS 3

45 hrs or cons inst req. POL 151 rec.

Presentation of various approaches employed to study international politics, and an analysis of problems and prospects of the contemporary world.

252 INTERNATIONAL ORGANIZATIONS 3 F

45 hrs or cons inst req. POL 151 rec.

Introduction to the role of international organizations in world affairs. Preparation for Model United Nations.

254 GLOBAL ISSUES 3 F

45 hrs or cons inst req. POL 151 rec.

Transnational political interactions and behavior of global actors and their impact upon crucial socio-economic, technological, and cultural issues.

255 INTERNATIONAL CONFLICT AND SECURITY 3
45 sem hrs or cons inst req. POL 151 rec.
An examination of the nature of conflict and security arrangements among nations and their international actors.

261 CLASSICAL POLITICAL THEORY 3
45 hrs or POL 161 or cons inst req.
Introduction to the origin and development of inquiry about human life in political association with particular reference to ancient and medieval philosophers.

262 MODERN POLITICAL THEORY 3
45 hrs or POL 161 or cons inst req.
Introduction to political theory emphasizing the intentions, methods, and concepts of selected thinkers from the 16th through the 20th centuries.

265 AMERICAN POLITICAL THEORY 3
45 hrs or POL 161 or cons inst req.
Analysis and evaluation of major writings that proceed from, contribute to, or comment upon the American political experience.

266 AMERICAN LEGAL THEORIES 3
45 hrs or POL 161 or cons inst req.
A theoretical overview of the legal component of political science with particular reference to policies and institutions in the American legal system.

283 TRIAL ADVOCACY 3 F
An introduction to fundamental techniques of trial advocacy in preparation for participation in intercollegiate mock trial competitions.

300 SENIOR SEMINAR 3
POL maj/min and 90 hrs req.
Intensive study of an announced area and the formulation of a comprehensive research paper.

300.01 SOCIAL SCIENCE SEMINAR 3
SSC maj. ECO 131 or GEO 204 or HIS 200 or 296 or POL 209 or SOCS 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as ANT/ECO/GEO/HIS/SOC 300.01.
An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

301 TEACHING CITIZENSHIP AND GOVERNANCE 3 Summer
POL 101, 105, or 106 or cons instr req. Formerly 389.61.
Examines knowledge and techniques for instructing civics and governance material, and analyzes the relationship between civic education and democracy.

302 HONORS SEMINAR 3
Enroll in University Honors Program and either 60 hrs or cons inst req. Not for cr if had POL 300.
Intensive study of an announced area and formulation of a cumulative research paper.

310 VOTING AND ELECTIONS 3
60 hrs, POL 105, 106, or 209 or cons inst req.
Intensive investigation of U.S. voting behavior and electoral process; includes instruction in analysis techniques.

312 PUBLIC OPINION 3
60 hrs, POL 105, 106, or 209 or cons inst req.
Includes attention to social and psychological bases of public opinion, current trends, methods of measurement, and opinion-policy linkages.

317 U.S. POLITICS AND CULTURE AFTER VIETNAM 3 S
60 hrs, POL 101, 105, 106, or cons inst req.
Examination of the impact of the Vietnam War on contemporary U.S. politics.

318 ADMINISTRATIVE LAW 3
60 hrs or cons inst req. POL 215 rec.
An overview of topics such as legislative, executive, and judicial control of administrative actions, public and private access to information, the administrative hearing process and other due process concerns.

324 TOPICS IN PUBLIC LAW 3 S
60 hrs, POL 101, 105, 106 or cons inst req. POL 215 rec. May repeat if content different.
Selected topics focusing on specialized aspects of Public Law.

325 CONSTITUTIONAL LAW: FUNCTIONS AND POWERS 3 F
60 hrs or cons inst req. POL 215 rec.
Major Supreme Court decisions on federalism, separation of powers, taxation, commerce, voting, and citizenship.

326 CONSTITUTIONAL LAW: DUE PROCESS RIGHTS 3 F,S
60 hrs or cons inst req. POL 215 rec.
Major Supreme Court decisions involving both procedural and substantive due process rights.

327 CONSTITUTIONAL LAW: EQUALITY AND FREE EXPRESSION 3
60 hrs or cons inst req. POL 215 rec.
Major Supreme Court decisions involving discrimination, and freedom of speech, press, assembly, and religion.

329 POLITICS OF FEDERALISM 3
POL 221 or cons inst req.
Federalism in theory and practice, focusing on U.S.; politics and policy in intergovernmental contexts; recent initiatives and current problems.

330 PROBLEMS OF PUBLIC ADMINISTRATION 3
POL 231 or cons inst req. May be repeated if content different.
Varied approaches to problems relevant to public policy, organization development, management, staff, or personnel concerns, and applied behavioral techniques.

331 HUMAN RESOURCE MANAGEMENT 3
POL 231 or cons inst req. Formerly PUBLIC PERSONNEL ADMINISTRATION.
The personnel process in American bureaucracy; matching the individual and the job; employer-employee relations; employee motivation; problems and prospects.

332 PUBLIC POLICY ANALYSIS 3
POL 209 or 232 or cons inst req. May be repeated if content different.
Comparative policy research; an assessment of factors affecting policy formation and approaches to evaluation of consequences of specific domestic public programs.

333 POLITICS, BUDGETS, AND TAXES 3
POL 231 or cons inst req.
Meaning, significance, content, and evolution of governmental budgeting processes and reforms at all levels of government; political implications of fiscal reforms.

C A S

334 THE POLITICS OF RACE, ETHNICITY AND INEQUALITY 3 F,S
POL 101, 105, or 106 or cons inst req; POL 214, 231 or 232 or 327 rec.
Analysis of contending theories and ideologies concerning the role of race and ethnicity in American politics and public policy.

335 COMMUNITY DEVELOPMENT 3 F
POL 101, 105, or 106 or cons inst req.
An examination of strategies and techniques employed in the United States and abroad in community development.

336 LATINO POLITICS: IDENTITY, PROTEST, AND POWER 3 F,S
POL 101, 105, or 106 req.
The study of Latino politics in the U.S., including political history, electoral and non-electoral political expressions.

337 LESBIAN AND GAY POLITICS 3
WS 120 or POL 225 or cons inst req.
Explores LGBT (lesbian, gay, bisexual, and transgender) political movements in historical context and with reference to claims for citizenship.

338 GENDER AND PUBLIC POLICY 3
WS 120 or POL 225 or cons inst req.
Examination of how gender shapes and is shaped by public policy formulation and implementation in different political and state contexts.

339 PLAYGROUND TO POLITICS 3 F or S
60 hrs or cons inst req. POL 161 rec.
Explores Generation Y in politics, media, economic and education systems.

340 TOPICS IN LATIN AMERICAN POLITICS 3
Select 1 of the following: POL 140, 240; GEO 230; HIS 127, 263, or cons inst req. May repeat if content different.
Selected topics focusing on specialized aspects of Latin American politics.

341 TOPICS IN EUROPEAN POLITICS 3
Select 1 of the following: POL 141, 242; GEO 240, 245; HIS 229, 234, 237, 366, or cons inst req. May repeat if content different.
Selected topics focusing on specialized aspects of European politics.

344 TOPICS IN GLOBAL STUDIES 3
Select 1 of the following: POL 150, 151, 251, 252, 254, 255, or cons inst req. May repeat if content different.
Intensive review and analysis of critical global problems and strategies for dealing with them.

345 TOPICS IN ASIAN POLITICS 3
Select 1 of the following: POL 140, 245, 255; HIS 373, 375, or cons inst req. May repeat if content different.
Selected topics focusing on specialized aspects of Asian politics.

349 TOPICS IN MIDDLE EAST POLITICS 3
Select 1 of the following: POL 140, 247; HIS 272; or cons inst req. May repeat if content different.
Selected topics focusing on specialized aspects of Middle East politics.

350 TOPICS IN CROSS-REGIONAL POLITICS 3
POL 140, 141, or cons inst req. May be repeated if content different.
Selected topics in comparative politics that cut across regional boundaries.

351 INTERNATIONAL LAW 3
Select 1 of the following: POL 151, 251, 252, 254, 255, or cons inst req.
Political nature, legal principles, and juridical procedures and cases of contemporary international law.

352 HUMAN RIGHTS 3
POL 140, 151, 251, 252, 254 or 255 or cons inst req.
General overview of human rights: philosophical foundation, historical development, main documents, institutions, movements and campaigns.

353 INTERNATIONAL DIPLOMACY 3 F,S
One of POL 150, 151, 251, 252, 254 or 255, or cons inst req. Not for cr if had 389.63.
Studies the practice of diplomacy in a global environment focusing on the UN system and multilateral diplomacy.

358 INTERNATIONAL POLITICAL ECONOMY 3
Select 1 of the following: POL 151, 251, 252, 254, 255, or cons inst req.
An analysis of the structures of political power in the international political economy.

361 TOPICS IN POLITICAL THEORY 3
POL 101, 105, 106, or 161 or 60 sem hrs or cons inst req. May be repeated if content different.
Selected advanced topics covering specific concepts or authors in political theory.

363 POLITICAL THEORIES OF NONVIOLENCE 3
POL 101, 105 or 106, 161, 261, 262, 265, or cons inst req.
Analysis of contending theories and approaches regarding nonviolence and civil disobedience.

398.01 PROFESSIONAL PRACTICE: PUBLIC SERVICE INTERNSHIP 1-16 F,S
Max 6 hrs/POL maj; max 3 hrs/POL min. Complete dept internship application procedure.
Planned, supervised experience in a governmental or community organization, providing on-the-job training and introduction to public service careers.

Legal Studies Courses

The following courses are designed for the Legal Studies program. Except for POL 201, 203, 204, and 398.20, these courses may not be counted for credit toward a Political Science major or minor. A maximum of 9 hours may be applied to a Political Science major or minor from Legal Studies courses.

201 INTRODUCTION TO LAW FOR PARALEGALS 3 F,S
45 hrs req.
A paralegal specialty course that introduces students to basic legal concepts, and the role of paralegals/legal assistants in the American legal system.

203 LEGAL RESEARCH I 3 F
POL 201 or cons Legal Studies advisor req.
A writing-intensive, paralegal specialty course that introduces students to the basic techniques of legal research.

204 LEGAL RESEARCH II 3 S
POL 203 req.
A writing-intensive paralegal specialty course that covers advanced legal research.

216 INTRODUCTION TO TORTS 3 S
Not for cr POL maj/min.
An introduction to the fundamental concepts of tort law. Topics include intentional and unintentional wrongs, varieties of liability, and courses of action.

314 INVESTIGATIVE TECHNIQUES 3 F
POL 201 and 216 req. Not for cr POL maj/min.
Techniques for the gathering and preparation of evidence for use in legal disputes.

319 PROBATE LAW 3
POL 201 or cons inst req. Not for cr POL maj/min.
Introduction to the fundamentals of probate law with emphasis on tasks which can be performed by paralegals.

322 DOMESTIC RELATIONS LAW 3
POL 201 or cons inst req. Not for cr POL maj/min.
Overview of the laws and procedures governing legal aspects of marriage and child custody. Emphasis is placed on tasks which can be performed by paralegals.

370 LITIGATION I 3 F
POL 201 and 203 req. Not for cr POL maj/min.
An advanced paralegal specialty course that covers both civil and criminal litigation from the filing of a legal action through the defendant's responses.

371 LITIGATION II 3 S
POL 370 req. Not for cr POL maj/min.
An advanced paralegal specialty course that covers both civil and criminal litigation from the discovery and pretrial motions through the trial and appellate stages.

372 EMPLOYMENT LAW 3
POL 201 or cons inst req. Not for cr POL maj/min.
A paralegal specialty course covering retirement plans, collective bargaining agreements, workmen's compensation, anti-discrimination laws, and OSHA regulations.

398.20 PROFESSIONAL PRACTICE: PARALEGAL INTERNSHIP 1-16 F,S
POL 201 req. Max 6 hrs POL maj; max 3 hrs POL min. Complete dept internship application procedure.
Internship provides work experience involving paralegal skills.

PSYCHOLOGY (PSY) 462

435 DeGarmo Hall, (309) 438-8651
Web address: www.psychology.ilstu.edu/

Chairperson: David Patton Barone.
Tenured/Tenure-track Faculty:
Professors: Alferink, Barone, Bergner, Catanzaro, Creasey, DeSouza, Graybill, House, Jarvis, Landau, Pryor, Reeder, Stevens, Swerdlik.
Associate Professors: Binning, K. Critchfield, T. Critchfield, Cutting, Farmer-Dougan, Hardwick, Hesson-McInnis, Jordan, Kahn, McBride, Meyers, Nauta, Pfost, Reese-Weber.
Assistant Professors: Braswell, Cates, Heidenreich, Hoff, Hund, Liu, Rivadeneyra, K. Schneider, W. Schneider, Tobin, Wagman, Zimmerman.

General Department Information

Admission Requirements:

Students may be admitted into the major from a pool of qualified applicants on the basis of individual qualifications. Students are admitted into the major on a competitive and selective basis. The number of students admitted into the program may vary from year to year depending on program capacity and qualifications of students in the pool. The standards for progress in the major represent the minimum standards for final admission into the major. The Department of Psychology reserves the right to maintain a balanced enrollment.

A. Students transferring to Illinois State University with fewer than 30 hours completed may be admitted to the Psychology major if they (1) have a 2.50 GPA from their transfer institution(s) and (2) have met the ACT score and high school class ranking standards required for new freshmen admitted to the Psychology major.

B. Transfer students with 30 to 67 hours completed may be admitted to the Psychology major if they (1) have a 2.50 GPA from their transfer institution(s) and (2) have earned grades of C or better in each of the following: (a) the equivalent of PSY 111, (b) the equivalent of MAT 120, 121, 144, or 145, and (c) a laboratory science course.

NOTE: Transfer credit from community colleges is limited to 66 semester hours, plus four credits of physical education courses.

C. Illinois State University students wishing to change their major to Psychology must either (1) have an Illinois State University GPA of 3.00 (based on at least 12 hours completed at Illinois State but fewer than 30 hours completed overall), or (2) have an ISU GPA of 2.20 (based on at least 12 hours completed at Illinois State) and have earned grades of C or better in each of

the following: (a) PSY 111, (b) PSY 231, (c) PSY 138, (d) MAT 120, 121, 144, or 145, and (e) a laboratory science course.

NOTE: The Department of Psychology typically does not admit students into the major who have completed more than 68 hours.

Standards for Progress in the Major:

In order to remain in the major, all Psychology majors must have achieved the following by the time they have completed 68 hours: (1) maintenance of a 2.00 or higher cumulative Illinois State University GPA, (2) maintenance of a 2.20 or higher Psychology major GPA (based on all courses taken at Illinois State University that count towards the Psychology major), and (3) completion of all of the following courses with a grade of C or better: PSY 111, 138, 200, and 231.

Records of all Psychology majors will be reviewed once they have completed 68 hours. Any student not fulfilling all of the standards for progress will be dismissed from the Psychology major.

MINOR IN COGNITIVE SCIENCE

The Department of Psychology participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN PSYCHOLOGY

The Department offers honors work for superior students majoring in Psychology. In order to qualify, the student must be a member of the University Honors Program, have achieved senior standing at Illinois State University, have achieved a University GPA of 3.30 or better, and have a GPA of 3.50 or better in Psychology course work. Finally, the student must complete a senior thesis (IDS 395.03 - Honors Thesis: Psychology) for at least 3 hours that reflects substantial research and quality of thought and present the thesis at the Psychology Department Honors colloquium held each spring.

Psychology Programs

Degrees Offered: B.A., B.S.

MAJOR IN PSYCHOLOGY

- 41 hours in Psychology required.
- Meet departmental admission criteria.
- Students who major in Psychology must complete the following courses: ENG 145; MAT 120 or 145 (which also meet Inner Core General Education requirements) or 121 or 144; 2 laboratory science courses (which can be met through Inner Core General Education requirements); a Philosophy course.
- Required courses: PSY 111, 138, 200, 231, 331, 340, 392 (or alternative below):
- Students may select one of the following options to replace PSY 392: (1) PSY 290.01 (for 3 hours) and 390 with the same faculty member, or (2) PSY 290.02 (for 3 hours) and PSY 391 with the same faculty member, (3) PSY 395 and 398 (for 3 hours) taken the same semester, or (4) IDS 395.03 (for at least 3 hours, must have senior standing) and presenting honors thesis at annual honors symposium.
- All majors are required to take 4 courses from the following: PSY 301 (or 302 or 303) 320, 326 (or 327), 333 (or 360), 334, 350, 361 (or 366 or 368 or 369), 363 (or 367), 364, 365.
- 9 hours of additional PSY electives (at least 3 hours of which must be taken at the 200- or 300-level) are required (10 hours are required if a 3-hour course is transferred for PSY 111).
- Students may not register for more than 15 hours of any combination of the following courses: PSY 287, 290.01, 290.02, 299, 390, 391, 398, or IDS 395.03.
- Not more than 13 hours of 100-level Psychology courses, or Psychology courses transferred from community colleges, may count toward the major.

MINOR IN PSYCHOLOGY

- 2.50 GPA with 12 hours completed at Illinois State University to be admitted to the Psychology Minor.
- 21 hours in Psychology required, exclusive of the statistics requirement (see below).
- Required courses: PSY 110 or 111, 231, 233.
- 6 of the elective hours must be taken at the 200- or 300-level (upper division) at Illinois State or another four-year school.
- A course in statistics from: PSY 138; ECO 138; GEO 138; POL 138; MQM 100; MAT 150 or MAT 250; or by transfer.
- NOTE: Except for PSY/SOC 123 and PSY/SOC 131, course work in Sociology, Anthropology, or Social Work does not count toward the Psychology Minor.

MINOR IN PSYCHOLOGY

For Teacher Education:

- 2.50 GPA with 12 hours completed at Illinois State University to be admitted to the Psychology Minor.
- 21 hours in Psychology required, exclusive of the statistics requirement (see below).
- Required courses: PSY 110 or 111, 231, 233.
- Select 1 course from the following: PSY 131, 213.
- Select 3 courses from the following: PSY 320, 333 (or 360), 334, 361, 363 (or 367), 364, 365, 366 (or 368 or 369).
- A course in statistics from: PSY 138; ECO 138; GEO 138; POL 138; MQM 100; MAT 150 or MAT 250; or by transfer.
- NOTE: Except for PSY/SOC 123 and PSY/SOC 131, course work in Sociology, Anthropology, or Social Work does not count toward the Psychology Minor.
- Complete Teacher Certification requirements.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercise
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Psychology Courses

110 FUNDAMENTALS OF PSYCHOLOGY MC-IS 3 F,S
ENG 101 or COM 110 req or conc reg req. Not for cr if had PSY 111. Students may be expected to participate in experiments. Not for cr in PSY maj. May not be taken under the CT/NC option. Formerly EXPLAINING HUMAN BEHAVIOR.
A review and critical analysis of psychology's most influential explanations of human behavior.

111 INTRODUCTION TO PSYCHOLOGY 4 F
PSY maj only. Students may be expected to participate in studies. May not be substituted for PSY 110. Formerly GENERAL PSYCHOLOGY.
Introduction to the discipline of psychology as the scientific study of behavior with emphasis on theory, methodology, and applications.

123 HUMAN SEXUALITY 3 F,S
SOC 106 or PSY 110 or 111 rec. Not for cr if had SOC 123.
Basic psychological, socio-cultural, and physiological elements of human sexuality.

131 SOCIAL PSYCHOLOGY MC-IS 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Also offered as SOC 131.
Scientific study of ways individuals think, feel, and behave in a group setting; research methods, attitudes, social cognition, and interpersonal relations.

138 REASONING IN PSYCHOLOGY USING STATISTICS MC-QR 3 F,S
MAT 120 or 145 req. May not be taken under the CT/NC option. Formerly SOCIAL SCIENCE REASONING USING STATISTICS. Not for cr if had PSY 240; ECO 138; GEO 138; POL 138 or MQM 100.
Introduction to descriptive and inferential statistics. Includes use of the *Statistical Package for Social Sciences (SPSS)* on laboratory computers.

200 CAREERS IN PSYCHOLOGY 1 F,S
PSY 110 or 111 or cons inst req. PSY maj only.
Careers in Psychology and in other fields utilizing a Psychology Major.

213 LIFESPAN DEVELOPMENT OC-SS 3 F,S
ENG 101 and COM 110 req. PSY 110 or 111 req. Not for cr if had PSY 112, 113, 301, 302, or 303. Formerly PSY 113 DEVELOPMENT THROUGH THE LIFE SPAN.
A critical examination of human psychological constancy and change throughout the life span, with special emphasis on biological, social, and cultural influences.

215 EDUCATIONAL PSYCHOLOGY 3 F,S
PSY 110 or 111 req. Teacher Ed Maj only. Incl Clin Exp: Type 1.
Application of psychology to education covering human learning in school settings, evaluation and measurement of learning outcomes, developmental factors and learning, and social factors of learning.

230 BUSINESS AND INDUSTRIAL PSYCHOLOGY 3 F,S
PSY 110 or 111 req.
Behavioral factors related to business and industry. Personnel practices, individual-group interaction, leadership and morale, fatigue and safety, and consumer behavior.

231 RESEARCH METHODS IN PSYCHOLOGY 3 F,S
PSY 110 or 111 req. ECO 138 or GEO 138 or MAT 150 or MQM 100 or POL 138 or PSY 138 or equiv req or conc reg. Formerly EXPERIMENTAL PSYCHOLOGY.
Philosophy of science and inquiry with emphasis on experimental methodology and some application of principles through laboratory experimentation and demonstration.

233 PSYCHOLOGY OF PERSONALITY OC-SS 3 F,S
Inner Core; PSY 110 or 111 req. Not for cr if had PSY 232 PERSONALITY. Formerly THE PERSON IN SOCIETY.
Critically examines psychology's most influential theories regarding the nature of persons, including psychoanalysis, behaviorism, cognitivism, and biological theory.

287 INDEPENDENT STUDY 1-6
Max of 6 hrs may be applied toward graduation. Cons dept chair and supervisor req.
Intensive work in a special area of the student's interest. Each individual project is to culminate in a comprehensive written report or examination. Open only to students who are not on academic probation and who have demonstrated an ability to profit from independent study.

290.01 SPECIAL PROJECTS: RESEARCH APPRENTICESHIP 1-3 F,S
2.00 GPA; cons dept chair and inst req. May repeat max 9 hrs.
Work on a faculty member's research project with faculty member.

290.02 SPECIAL PROJECTS: UNDERGRADUATE TEACHING 1-3 F,S
2.20 GPA; cons dept chair and inst req. May repeat max 9 hrs.
Work with a faculty member assisting in classroom instruction.

299 INDEPENDENT HONOR STUDY 1-6
Open only to students who have achieved superior academic records and who have demonstrated an ability to profit from independent study. Max of 6 hrs may apply toward graduation. Cons inst, dept chair, and Dir of Honors req.
Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive report or examination.

301 DEVELOPMENTAL PSYCHOLOGY OF CHILDHOOD 3 F,S
PSY 110 or 111 req.
Motor, cognitive, and emotional development and personality growth of children, birth through pre-adolescence.

302 DEVELOPMENTAL PSYCHOLOGY OF ADOLESCENCE 3 F,S
PSY 110 or 111 req.
Psychosocial issues of identity, autonomy, intimacy, sexuality, and achievement are covered across developmental contexts for adolescents experiencing fundamental biological, cognitive, and social changes.

303 ADULT DEVELOPMENT AND AGING 3 F
PSY 110 or 111 req.
A study of physical, cognitive, and personality development during adulthood, with emphasis on theories, empirical data, research methods, and current issues.

305 PSYCHOLOGY OF WOMEN 3 F,S
PSY 110 or 111 req.
Psychological research to place in scientific perspective the etiology and behavioral consequences of female- and male-oriented attitudes.

320 HISTORY AND SYSTEMS OF PSYCHOLOGY 3 F,S
PSY 110 or 111 req.
Historical antecedents of modern psychology. Examination of modern psychology from a systematic point of view.

326 INTERNATIONAL PSYCHOLOGY 3 F,S
PSY 110 or 111 req.
History, current status, and future directions of scientific and professional psychology applied to contemporary global issues.

327 TOPICS IN PSYCHOLOGY AND DIVERSITY 3 F,S
PSY 110 or 111 req.
Psychological research that focuses on culture, ethnicity, gender, or other aspects of diversity.

331 LABORATORY IN RESEARCH METHODS FOR PSYCHOLOGY 3 F,S
PSY 231 and PSY 138, or cons inst req. PSY maj only. May be repeated if content different. Formerly STUDIES IN EXPERIMENTAL PSYCHOLOGY. Materials charge optional for some topics.
Advanced research course focusing on particular content areas. Sections concentrate in different areas: .01 Developmental, .03 Operant Behavior, .04 Perceptual, .05 Social, .07 Cognitive Processes, .09 Physiological, .11 Personality.

333 PRINCIPLES OF BEHAVIOR MODIFICATION 3 F,S
PSY 110 or 111 req.
Principles of behavior modification with an emphasis upon their use in a variety of educational and clinical settings.

334 PSYCHOLOGICAL MEASUREMENT 3 F,S
PSY 110 or 111; ECO 138 or GEO 138 or MAT 250 or MAT 351 or MQM 100 or POL 138 or PSY 138 or cons dept req.
The use of psychological testing in applied settings and fundamentals of measurement theory including interpretation of test scores, reliability and validity assessment, and test development.

340 STATISTICS FOR THE SOCIAL SCIENCES 3 F,S
PSY 138 and MAT 120 or 121 or 144 or 145 req. Not for cr if had PSY 240 or PSY 345. PSY maj only.
Advanced statistical techniques for the behavioral sciences including hypothesis testing, inferential statistics, and data analysis using SPSS.

346 PSYCHOLOGY OF EXCEPTIONAL CHILDREN 3 F,S
PSY 112 or 113 or 232 or 233 or 301 or 302 or C&I 210 req. May Incl Clin Exp: Type 1.
A study of the socio-psychological factors influencing the exceptional child's cognitive and affective development with implications for those working with exceptional children.

347 BEHAVIOR DISORDERS IN CHILDREN 3 F,S
PSY 110 or 111 req.
Medical, psychological, and sociological aspects of behavioral disorders of children.

350 PSYCHOPATHOLOGY 3 F,S
PSY 110 or 111 req.
Behavior disorders, neuroses, psychoses, character disorders, mental deficiencies, and other psychopathological conditions.

351 CLINICAL APPLICATIONS OF PSYCHOLOGY 3 S
PSY 350 or conc reg req.
Introduction to the application of psychological principles in the professional practice of psychology in community and school settings.

360 LEARNING 3 F,S
PSY 110 or 111; PSY 231 req.
Experimental data bearing on the problem of learning; learning theory; learning data and theory in relation to applied problems.

361 PERCEPTION 3 F,S
PSY 110 or 111; PSY 231 req.
Cognitive processes and their relationship to other processes. Relationship of sensation, attention, and memory to perception and factors influencing perception.

363 PHYSIOLOGICAL PSYCHOLOGY 3 F
PSY 110 or 111; PSY 231; and BSC 101 or equiv or cons inst req.
Neurophysiological and biochemical substrates of behavioral processes including sensori-motor, perceptual, motivational, emotional, and intellectual behaviors.

364 MOTIVATION 3 F,S
PSY 110 or 111; PSY 231 req.
Evolution of basic concepts leading to contemporary explanation of determiners of action with application to vocational, social, and educational areas.

365 DYNAMICS OF SOCIAL BEHAVIOR 3 F,S
PSY 131 or SOC 131 req.
An overview of the explanations for various aspects of social behavior, e.g., interaction, attitudes, person perception, etc.

366 COGNITIVE PSYCHOLOGY 3 F,S
PSY 110 or 111; PSY 231 req.
Information processing analysis of perception, attention, memory, language, and thinking.

367 INTRODUCTION TO BEHAVIORAL PSYCHOPHARMACOLOGY 3 S
PSY 110 or 111; PSY 231; BSC 101 or 196 req; PSY 363 rec.
Foundation concepts of behavioral psychopharmacology including basic brain anatomy and physiology, neural mechanisms of drug action, and examination of drug action and behavior.

368 HUMAN MEMORY 3 F,S
PSY 110 or 111; PSY 231 req.
Basic theories and findings in the study of human memory with a focus on organization, development, distortions, and disorders.

369 PSYCHOLINGUISTICS 3 F,S
PSY 110 or 111; PSY 231 req.
Basic theories and findings in the study of the psychological processes of language use.

375 PERSONNEL PSYCHOLOGY 3 F
PSY 230 or 334 or cons inst req.
Procedures, methods, and professional issues relevant to matching job candidates' personal attributes to the requirements of specific jobs; emphasis is on personnel selection, training, and EEO legal compliance.

376 ORGANIZATIONAL PSYCHOLOGY 3 S
PSY 230 or cons inst req. Not for cr if had MQM 221 or 421.
Research methods and results concerning social psychology of work organizations. Descriptions of practices in organizational psychology.

390 ADVANCED RESEARCH APPRENTICESHIP 3 F,S
PSY 290.01 for 3 hrs; cons of dept chair and inst req. Sr standing; PSY maj only; 2.00 GPA.
Intensive work on a research project with a faculty member, culminating in a final paper or presentation.

391 SCHOLARSHIP OF TEACHING AND LEARNING APPRENTICESHIP 3 F,S
Sr standing; PSY maj only; 2.20 GPA, PSY 290.02 for 3 hrs; cons dept chair & inst req.
Intensive work with a faculty member on the Scholarship of Teaching and Learning, culminating in a final paper or presentation.

392 SENIOR SEMINAR 3 F,S
Sr standing; PSY maj only.
A capstone course for PSY majors featuring in-depth study of selected topics. Consult department for specific content of each section.

395 PROFESSIONAL PRACTICE SEMINAR 3 F,S
Sr standing; PSY maj only. PSY 398 conc reg for 3 hrs; cons dept chair req.
Research application seminar focusing on utilizing the science of psychology in specific community settings.

398 PROFESSIONAL PRACTICE: PSYCHOLOGY 1-3 F,S
PSY maj only; 15 hrs in PSY; jr/sr standing; 2.20 GPA; cons of dept req. May repeat up to max 9 hrs total.

SOCIAL WORK (SWK) 465

313 Rachel Cooper, (309) 438-3631

Web address: www.socialwork.ilstu.edu
Email address: socialwork@ilstu.edu

Director: Wanda Bracy.
Tenured/Tenure-track Faculty:
Professor: Heyl, Howard.
Associate Professors: Bracy, Campbell, Cunningham, Frank, Hamilton, Liechty, Slaght, Wehrmann.
Assistant Professors: Harris, Houston, Raines, Zosky.

General School Information

Admission Requirements:

Students may declare a major in the School of Social Work upon admission to the University or with permission of the School. All internal transfers (coming from general student status or some other declared major) must meet the following requirements:

1. Achievement of a cumulative 2.50 GPA at Illinois State University.
2. Grade of C or better in any major required course taken at Illinois State University or a transferred equivalent.
3. Completion of appropriate application and interview by the undergraduate advisement coordinator.

— **NOTE:** The School of Social Work reserves the right to maintain a balanced enrollment. This may restrict the numbers of freshmen, transfer students, and internal transfers who wish to be Social Work majors.

— **NOTE:** Most Social Work courses are restricted to Social Work majors.

— **NOTE:** The School does not offer a minor in Social Work.
— **NOTE:** Only Social Work students may take required courses. Academic credit for life experience and/or previous work experience is not given, in whole or in part, in lieu of any social work course.

All Social Work majors must also be formally admitted to the program. The admission process is a prerequisite for taking any 300-level Social Work course. In order to be formally admitted, students are required to make formal application before their enrollment in SWK 223. To be accepted, students must have satisfied the following requirements:

1. At least 30 hours of credit with a minimum 2.50 overall GPA;
2. Grade of C or better in all courses required for the major;
3. Successful completion of at least 25 pre-approved hours of volunteer or paid work experience in an appropriate social service agency within the past 2 years.

Exemptions from the grade point requirement may be made for students who demonstrate potential for academic success in Social Work. Exceptions are granted upon the recommendations of the Social Work Admission Committee and the Director or designee of the Social Work program.

Retention Requirements:

The School reserves the right to enforce professional standards of practice as specified in Section 6369 of the Clinical Social Work and Practice Act. These standards may be taken into consideration in decisions related to program retention. Additionally, students must maintain a cumulative grade point average of 2.50 and a grade of C or better in all major required courses to proceed into SWK 398.10 Professional Practice: Field Instruction I and SWK 394 Field Instruction Seminar I. Students have the right to appeal these decisions.

HONORS IN SOCIAL WORK

The School of Social Work offers honors work for superior students majoring in Social Work. In order to qualify, the student must be a member of the University Honors Program, have completed a minimum of 12 hours for honors credit, and achieve a cumulative University GPA of 3.30 or better, and have a GPA of 3.50 or better in Social Work. Students pursuing this option should contact the Social Work Undergraduate Advisement Coordinator.

Social Work Program

Degrees Offered: B.S.W.

MAJOR IN SOCIAL WORK

— 69 hours required, including 15 hours in foundation courses and 54 hours in Social Work core courses.
— 15 hours required in Social Work foundation courses: SWK 170; one human biology course (BSC 145, 101, or 181); one statistics course (either ECO 138, GEO 138, POL 138, PSY138 or SOC 275); one sociology course (SOC 111, 112, 123 or SOC/PSY 131); and PSY 350.
— 54 hours required in Social Work courses: 222, 223, 225, 310, 315, 325, 326, 329, 336, 337, 345, 394, 395, 398.10, and 398.11, and one elective course (may be outside of the department) with advisor approval that furthers the individualized interest of the student in an area of social work.
— Additionally, students pursuing a Bachelor of Social Work degree must choose from one of the following options:
  — One additional three hour course in the natural sciences, mathematics, statistics, or technology beyond those required for General Education.
  — Successful completion of FOR 115 or the equivalent.
  — Successful completion of SPA 301.

Fall Semester - First Year
SWK 223 - Human Behavior I
SWK 310 Practice with Diverse Populations
SWK 325 - Generalist Practice: Individuals
SWK 326 - Practice Skills Laboratory

Spring Semester - First Year
SWK 222 - Contemporary Social Welfare Policy
SWK 225 - Human Behavior II
SWK 329 - Preparation for Professional Practice
SWK 336 - Generalist Practice II: Families

Fall Semester - Second Year
SWK 315 - Social Work Research
SWK 337 - Generalist Practice III: Groups
SWK 394 - Field Instruction Seminar I
SWK 398.10 - Field Instruction I

Spring Semester - Second Year
SWK 345 - Generalist Practice IV: Communities
SWK 395 - Field Instruction Seminar II
SWK 398.11 - Field Instruction II
Approved elective course

— Suggested electives: CJS 101, 102; C&I 312; COM 223; ECO 103; FCS 224; IDS 111; ITK 140; TEC 175; MAT 111; PHI 138; POL 105, 215, 238; PSY 112, 123, 213, 233, 301, 302, 333, 347; SED 109; SOC 106, 108, 111, 112, 123, 240, 260, 262, 263, 332, 342, 366; SWK 125, 323, 324, 330; WS 120; or other relevant courses selected in consultation with the school's Undergraduate Advisement Coordinator.
— The Baccalaureate Degree in Social Work is accredited by the Council on Social Work Education. The principal educational goal is to prepare students for beginning generalist social work practice.

Special Certificates:

Women's Studies Certificate and Minor: This special program has been designed for students who wish to enhance the Social Work major by integrating a working knowledge of gender issues with the generalist BSW degree.

Child Welfare Certificate: This special certification is available to social work majors who wish to practice within the child welfare field in the State of Illinois.

Gerontology Certificate and Minor: This special program has been designed for students who wish to enhance the social work major by integrating a working knowledge of gerontological issues with the undergraduate social work degree.

Students interested in any of the above programs should contact the School of Social Work Undergraduate Advisement Coordinator.

Social Work Courses

125 BUILDING HEALTHIER COMMUNITIES THROUGH COMMUNITY INVOLVEMENT OC-SS 3 F,S
Inner Core req.
Study of social issues with emphasis on rebuilding healthier communities, including an experiential service learning component.

170 INTRODUCTION TO SOCIAL WORK 3 F,S
Formerly INTRODUCTION TO GENERALIST SOCIAL WORK.
Survey of contemporary social work from a generalist perspective.

211 SOCIAL GERONTOLOGY 3
SOC 106 or PSY 111 rec; 45 hrs or cons inst req. Also offered as SOC 211.
Process and consequences of aging; interplay between social and social-psychological forces and the aged population in society.

222 CONTEMPORARY SOCIAL WELFARE POLICY 3 S
SWK 223, 310, 325, 326 req.
Descriptive, analytical, and critical analysis of social welfare programs, policies, and issues.

223 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT I 3 F
SWK foundation courses req (See Major in Social Work); PSY 350 or conc reg req. Conc reg SWK 310, 325, 326. Maj only; jr standing.
The integration of major concepts from the social and behavioral sciences in terms of their relevance for micro social work practice.

225 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT II 3 S
SWK 223, 310, 325, 326 req.
The integration of major concepts from the social and behavioral sciences in terms of their relevance for macro social work practice.

265 PERSONAL RELATIONSHIPS 3 F,S
SOC 106 or PSY 110 or PSY 111 rec; 45 hrs or cons inst req.
Introductory course on theory, research, and methods in the study of a variety of social and personal relationships.

310 PRACTICE WITH DIVERSE POPULATIONS 3 F
SWK foundation courses req (See Major in Social Work); PSY 350 or conc reg req. Conc reg SWK 223, 325, 326. Maj only; jr standing.
Examines the impact of discrimination and oppression on the development and delivery of social work services to diverse populations.

311 ISSUES IN GERONTOLOGY 3
SOC/SWK 211 or cons inst req; 75 hrs or cons inst req. Also offered as SOC 311.
Advanced treatment of selected subjects in gerontology.

315 SOCIAL WORK RESEARCH 3 F
SWK 222, 225, 329, 336 req. Maj only or cons dept advisor.
Application of theories and skills of research to social work practice with individuals, families, groups, communities, and organizations.

323 CHILD WELFARE SERVICES 3 F,S
SWK 222 rec or SED or FCS maj. Rec before SWK 398.10 if student wishes placement in a child-serving agency.
Services for dependent, neglected, abused, and handicapped children and their families.

324 TOPICS IN CHILD WELFARE 3 F,S
SWK 323 or cons inst req.
Presentation and analysis of current child welfare topics and the role of the profession of social work.

325 GENERALIST PRACTICE I: INDIVIDUALS 3 F
SWK foundation courses req (See Major in Social Work); PSY 350 or conc reg req. Maj only; jr standing. Conc reg SWK 223, 310, 326 req. Formerly GENERALIST SOCIAL WORK PRACTICE WITH INDIVIDUALS.
Introduction to generalist social work practice with an emphasis on working with individuals.

326 PRACTICE SKILLS LABORATORY 3 F
SWK foundation courses req (See Major in Social Work); PSY 350 or conc reg req. Maj only; jr standing. Conc reg SWK 223, 310, 325 req. Formerly SOCIAL WORK SKILLS LABORATORY.
Lab course which teaches interpersonal social work practice skills.

329 PREPARATION FOR PROFESSIONAL PRACTICE 3 S
SWK 223, 310, 325, 326 req.
An educationally focused community service experience and seminar that emphasizes socialization of students to the profession of social work.

330 TOPICS IN CONTEMPORARY SOCIAL WORK AND SOCIAL WELFARE 1-3 F,S
Cons inst req. May be repeated; max 6 hrs.
Analysis of current social welfare topics and the role of the profession of social work.

336 GENERALIST PRACTICE II: FAMILIES 3 S
SWK 223, 310, 325, 326 req. Not for credit if had SWK 335.
Introduces students to the social work knowledge and practice skills necessary to effect change and growth in struggling families.

337 GENERALIST PRACTICE III: GROUPS 3 F
SWK 222, 225, 329, 336 req. Not for credit if had SWK 335.
Expands the theoretical foundation and practice methodology by focusing specifically on knowledge and skills to effect change in small groups.

345 GENERALIST PRACTICE IV: COMMUNITIES 3 S
SWK 315, 337, 394, 398.10. Formerly GENERALIST SOCIAL WORK PRACTICE WITH COMMUNITIES.
Social work practice with neighborhoods, communities, and human service agencies, including program planning, administration, supervision, and evaluation.

394 FIELD INSTRUCTION SEMINAR I 2 F
SWK 222, 225, 329, 336; conc reg SWK 398.10; Sr standing and formal adm to SWK maj req. Maj only. Not for credit if had SWK 396.
Taken with the field practicum, this seminar facilitates students' initial integration of generalist practice knowledge with practice in a field agency.

395 FIELD INSTRUCTION SEMINAR II 2 S
SWK 315, 337, 394, 398.10; conc reg SWK 398.11 req. Not for cr if had SWK 396.
Taken with the field practicum, this seminar facilitates students' integration of generalist practice knowledge with practice in a field agency.

398.10 PROFESSIONAL PRACTICE: FIELD INSTRUCTION I 7 F
SWK 222, 225, 329, 336; conc reg SWK 394 req. CR/NC only. Materials charge optional. Formerly PROFESSIONAL PRACTICE: SOCIAL WORK FIELD INSTRUCTION I.
Supervised field instruction and practice in social work methods with individuals, groups, and communities in a social welfare agency.

398.11 PROFESSIONAL PRACTICE: FIELD INSTRUCTION II 7 S
SWK 315, 337, 394, 398.10; conc reg SWK 395 req. CR/NC only. Formerly PROFESSIONAL PRACTICE: SOCIAL WORK FIELD INSTRUCTION II.
Advanced supervised field instruction and practice in social work. Setting usually the same as in SWK 398.10 but experiences are more diverse and complex.

SOCIOLOGY - ANTHROPOLOGY

332 Schroeder Hall, (309) 438-8668
Web address: www.lilt.ilstu.edu/soa/

Chairperson: Nick Maroules.
Tenured/Tenure-track Faculty:
Sociology: *Distinguished Professor:* Stivers.
Professors: Leonard, McKinney, Sprecher.
Associate Professors: Beck, Bjorklund, Brown, Gerschick, Gill, Maroules, Toro-Morn, Wortham.
Assistant Professors: Brehm, Pitluck, Schmeeckle, Sullivan, Willetts.

Anthropology: *Distinguished Professor:* Orser.
Professors: Skibo.
Associate Professor: Stanlaw.
Assistant Professor: Bessa, Scott.

General Department Information

MAJOR IN SOCIAL SCIENCES EDUCATION

The Major in Social Sciences Education is administered in the Department of History in cooperation with the Departments of Sociology-Anthropology; Economics; Geography, and Politics and Government. For further information see Social Science programs.

INTERDISCIPLINARY MINORS

The Department of Sociology/Anthropology participates in a number of interdisciplinary minors at the University. Course work offered by the Department contribute to the following minors: African-American Studies, Cognitive Science and Urban Studies. For further information on any of these minors and their advisors, please consult the University-Wide Curriculum section in this *Undergraduate Catalog.*

HONORS IN SOCIOLOGY

The Sociology Department offers honors work for students who are academically talented and majoring in Sociology. To qualify, the student must be in the University Honors program and have a 3.30 overall GPA and a 3.50 GPA in Sociology coursework. In addition, the student must complete 12 hours of honors coursework in Sociology. Contact the departmental advisor for details on these requirements.

Sociology Programs (SOC) 466

Degrees Offered: B.A., B.S

Academic Requirements:

To graduate with a Sociology Major, students must earn a grade of C or better in SOC 106 and in each of the 6 required upper-level courses, SOC 206, 270, 271, 275, 292, and 300.

Concentrations:

The Sociology program has identified several departmental concentrations that can be useful in planning the student's academic program. Students majoring in Sociology may elect (but are not required to elect) a concentration in Health and Aging; Social Inequality and Stratification; Deviance; Technology, Organizations, and Occupations; Social-Psychology and Social Interaction; and Community/Demography. Selecting a concentration is helpful for focusing on specific career objectives.

1. **Health and Aging:** Courses required for major plus SOC 211, 212, 310 and 311.
2. **Social Inequality and Stratification:** Courses required for major plus SOC 111, 260, 264, 341.
3. **Deviance:** Courses required for major plus SOC 108, 263, 365, and 367.
4. **Technology, Organizations, and Occupations:** Courses required for major plus SOC 175, 255, 352.
5. **Social-Psychology and Social Interaction:** Courses required for major plus SOC 131, 262, and 331.
6. **Community/Demography:** Courses required for major plus SOC 240, 361, 362, and POL 335.
   (Independent Study, SOC 287, may be substituted in certain circumstances to satisfy one of the electives in the above concentrations). **NOTE:** For further information see the Sociology undergraduate advisor.

MAJOR IN SOCIOLOGY

Admission to the Sociology Major may be affected and restricted by the lack of available Department resources in times of oversubscription.

Ordinarily students will need a minimum of four semesters of college work left to satisfy the sequencing requirements of the six upper level required courses.

— 37 hours in Sociology and 6 hours in Anthropology required.
— Required courses: SOC 106, 206, 270, 271, 275, 292, 300, and electives to complete 37 hours (no more than 9 hours of 100-level Sociology electives will count in the major); at least 6 additional hours in Anthropology. No Anthropology course may be counted toward the 37 hours of Sociology courses required for the major.
— NOTE: One of the following Sociology offerings for General Education may count toward both the major and the General Education program requirements: SOC 108, 111, 112, 131, or 240.

MINOR IN SOCIOLOGY

— 18 hours in Sociology required.
— Required course: SOC 106. No Anthropology course may be counted toward the 18 hours in Sociology required for the minor.

MINOR IN SOCIOLOGY

For Teacher Education:

— 24 hours required.
— Required courses: SOC 106. No Anthropology course may be counted for the 18 hours in Sociology required for the minor. Other suggested course work may include SOC 123, SOC 211, 262, 264.
— 18 hours in Sociology required, and an additional 6 hours in Social Sciences.

MINOR IN GERONTOLOGY

Interdisciplinary Minor:

For further information contact the Gerontology Coordinator, Department of Sociology - Anthropology.

— 21 hours required.
— Required courses (9 hours): SOC/SWK 211; PSY 303 or 304; FCS/HSC 394.
— Electives (12 hours) approved by the Gerontology Committee. Students without direct work or extensive volunteer experience with older persons will be advised to register for approved Professional Practice (SOC 398.01, 3-6 hours) as a part of the elective requirement. Other electives include but are not limited to: SOC 212, 310, 311; COM 331; FCS 305.

HONORS IN ANTHROPOLOGY

In order to graduate with Departmental Honors in the Anthropology Program, the student must meet all university graduation requirements for the major. In addition, the student must meet the following requirements: (1) have a minimum cumulative overall GPA of 3.30; (2) have earned a 3.50 GPA in Anthropology coursework; (3) complete at least 12 hours of Honors coursework in Anthropology including at least 3 semester hours of ANT 299 Honors Independent Study (Typically, with the exception noted in item 4, the rest of the required Honors hours will be In-Course Honors work in regular Anthropology courses of the student's choosing); and (4) Honors students may enroll in IDS 395.06 Honors Thesis: Anthropology instead of ANT 382 Anthropology Senior Thesis. Contact the Anthropology Program Coordinator if you have any questions about these requirements.

Anthropology Programs (ANT) 464

Degrees Offered: B.A., B.S

MAJOR IN ANTHROPOLOGY

— Minimum of 36 hours in Anthropology required.
— Required courses (21 hours): ANT 100, 274, 277, 281, 286, 380, 382.
— Electives (15 hours):
  Four courses to be chosen from each of the 4 subfields

of Anthropology (i.e., at least 1 course each of the 4 following groups):

Biological Anthropology: ANT 288, 290, 306, 383, 387.

Archaeology: ANT 181, 283, 301, 306, 381, 383, 386, 388, 392.

Cultural Anthropology: ANT 270, 272, 273, 279, 285, 294, 295, 289.03, 306, 383.

Linguistic Anthropology: ANT 143, 294, 306, 342, 383.

(One 3-hour elective to be chosen from any other Anthropology offering at the 300-level.)

— **NOTE:** Students will be advised in individual consultation to take a number of supporting courses in cognate disciplines. The program in cognates may emphasize either the social sciences or the natural sciences, reflecting the student's primary interest in biological anthropology, cultural anthropology, archaeology, or linguistics. Cognate course may count toward the required 4 subfield electives with consent of the program coordinator or the student's anthropology advisor. All anthropology majors are strongly encouraged to take SOC 275 as part of their undergraduate curriculum. No Sociology courses may be counted toward the 36 hours in Anthropology required for the major.

C A S

MINOR IN ANTHROPOLOGY

— 18 hours in Anthropology required.
— Required course: ANT 100.
— At least 9 hours must be at the 200-level or higher.
— **NOTE:** Additional Anthropology electives will be recommended on an individual basis. No Sociology course may be counted toward the 18 hours in Anthropology required for the minor.

MINOR IN ANTHROPOLOGY

For Teacher Education:

— Requirements are the same as Minor in Anthropology.

Sociology Courses (SOC)

106 INTRODUCTION TO SOCIOLOGY 3

Structure and dynamics of human society. Concepts of culture, socialization, stratification, collective behavior, family, minority relations, population, crime.

108 CONTEMPORARY SOCIAL PROBLEMS IN GLOBAL PERSPECTIVE MC-IS 3 F,S

ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Not for cr if had SOC 107.

Examination of social problems dealing with gender, ethnicity, stratification, and global competition utilizing interdisciplinary, sociological, and global perspectives.

109 INTRODUCTION TO U.S. LATINA/O STUDIES MC-UST 3

ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Formerly 189.15.

An interdisciplinary introduction to the migration, work, and community experiences of U.S. Latino/Latina immigrants and their descendants.

111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE MC-UST 3 F,S

ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Also offered as HIS 111.

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY MC-UST 3 F,S

ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Also offered as FCS/HIS 112.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity.

123 HUMAN SEXUALITY 3

SOC 106 or PSY 111 or 110 rec. Not for cr if had PSY 123.

Basic psychological, socio-cultural, and physiological elements of human sexuality.

131 SOCIAL PSYCHOLOGY MC-IS 3 F,S

ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option. Also offered as PSY 131.

Scientific study of way individuals think, feel, and behave in a group setting; research methods, attitudes, social cognition, and interpersonal relations.

175 LIVING IN A TECHNOLOGICAL WORLD MC-IS 3 F,S

ENG 101 or COM 110 req or conc reg req. Also offered as TEC 175. May not be taken under the CT/NC option.

Interdisciplinary course that analyzes social change through the lens of technology.

206 SOCIOLOGICAL INQUIRY 3 F,S

SOC maj only. C or better in SOC 106 req.

In-depth introduction to sociological thought and inquiry.

211 SOCIAL GERONTOLOGY 3

SOC 106 or PSY 111 rec; 45 hrs or cons inst req. Also offered as SWK 211.

Process and consequences of aging; interplay between social and social-psychological forces and the aged population in society.

212 SOCIOLOGY OF DEATH 3

SOC 106 or PSY 111 rec; 45 hrs or cons inst req.

Complexities of death-related behavior in modern societies; sociological and social-psychological viewpoints; theoretical and pragmatic implications.

240 PEOPLE IN PLACES: UNDERSTANDING AND DEVELOPING COMMUNITY OC-SS 3 F,S
Inner Core req. MC-IS category req.
Analysis of how external forces affect communities and their residents; understanding how people create community; rural-urban differences.

255 SOCIOLOGY OF WORK AND OCCUPATIONS 3
SOC 106 req; 45 hrs or cons inst req.
Sociological principles applied to the social institution of work.

260 SOCIAL STRATIFICATION 3 F
SOC 106 rec; 45 hrs or cons inst req.
Theories and character of social class systems, differential class behavior, mobility, power relationships, and caste and estate systems.

262 MARRIAGE AND THE FAMILY 3
SOC 106 rec; 45 hrs or cons inst req.
Sociological and social psychological examination of the patterned and dynamic aspects of marital and family relationships.

263 DEVIANT BEHAVIOR 3
SOC 106 rec; 45 hrs or cons inst req.
Causes, societal response and control of deviant behavior. Definition of deviant acts, stigmatization, and the process of reabsorbing deviants.

264 MINORITY RELATIONS 3
SOC 106 rec; 45 hrs or cons inst req.
Racial, national, religious minorities, and women. Patterns of discrimination and prejudice, and change in intergroup relations.

265 PERSONAL RELATIONSHIPS 3 F,S
SOC 106 or PSY 110 or PSY 111 rec; 45 hrs or cons inst req.
Introductory course on theory, research, and methods in the study of a variety of social and personal relationships.

268 SOCIOLOGY OF RELIGION 3
SOC 106 rec; 45 hrs or cons inst req.
Functions and origins of religion; impact of religion on individual, society, and culture: social forces affecting religion.

270 HISTORY OF SOCIOLOGICAL THOUGHT 3
C or better in SOC 106 and 206 req. Maj only or cons dept advisor req.
Analysis and appraisal of classical works in sociology from mid-19th century to the present.

271 INTRODUCTION TO SOCIOLOGICAL RESEARCH 3
C or better in SOC 106 and 206 req. Maj only or cons dept advisor req.
Convergence of theory and research; design of inquiry, measurement, survey design, data collection, analysis, and interpretation. Research projects are part of the course.

275 SOCIAL STATISTICS 3
MAT 111, 120, 130, 150 or PSY/ECO/GEO/POL 138 or MQM 100 req. C or better in SOC 106 and 206, Maj only or cons dept advisor req.
Application and interpretation of basic descriptive and inferential statistics used in behavioral research. Non-parametric and parametric statistics are considered.

292 CAREERS FOR SOCIOLOGY MAJORS 1 S
C or better in SOC 106 and 206 req. Major only or cons dept advisor req. Formerly 289.39.
Acquaints students with career opportunities and relates Sociology skills learned to those needed in various career situations. Includes instruction on job placement skills.

295 SOCIOLOGY OF CULTURE 3 F,S
Formerly SOC 289.40.
Analysis of cultural forms such as mass media, art, music theatre, popular culture, fashion, and architecture and their relationships to various social structures.

300 SENIOR EXPERIENCE IN SOCIOLOGY 3
Maj only and sr standing req. C or better in SOC 106, 206, 270, 271, 275 and 292 req. Conc reg allowed for SOC 270.
Capstone experience in research and writing on a sociological topic which varies with the specialization of the instructor.

300.01 SOCIAL SCIENCE SEMINAR 3
SSC maj req. ECO 131 or GEO 204 or HIS 200 or 296 or POL 209 or SOC 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as ANT/ECO/GEO/HIS/POL 300.01.
An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

310 MEDICAL SOCIOLOGY 3 F,S
SOC 106 rec; 75 hrs or cons inst req. Formerly SOC 210 SOCIOLOGY OF HEALTH AND MEDICINE.
Social distribution and social construction of illness; physician socialization; doctor-patient interaction; alternative medicine; structure of health care systems; biomedical ethics.

311 ISSUES IN GERONTOLOGY 3
SOC 211 or cons inst req; 75 hrs or cons inst req. Also offered as SWK 311. Materials charge optional.
Advanced treatment of selected subjects in gerontology.

317 SOCIOLOGY OF SPORT 3
75 hrs or cons inst req. Also offered as KNR 317.
The social institution of sport is examined using such sociological concepts as social organization, culture, socialization, deviance, social stratification, minority groups, and collective behavior.

320 GLOBAL DEVELOPMENT AND ECONOMIC CHANGE 3 F,S
SOC 106 rec; 75 hrs or cons inst req.
Survey of debates and theories regarding definitions, means, and consequences of "development" within poor- and middle-income countries; country case studies.

330 SOCIETY AND ENVIRONMENT 3 S
SOC 106 or 108 rec; 75 hrs or cons inst req.
An examination of the interactions between the social and physical environment and how social structures and individual actions impact the "natural world."

331 SELF AND SOCIETY 3 F,S
SOC 106 rec; 75 hrs or cons ins req. Not for cr if had SOC 332. Formerly SOC 332 SMALL GROUPS.
Analysis of the micro-level relationships between the individual and society.Topics include social interaction, the self, identity and emotion management.

333 POLITICAL SOCIOLOGY: POWER, CULTURE AND CHANGE 3 F
SOC 106 or 108 req; 75 cr hrs or cons inst req.
Critical analysis of the institutional mechanisms and social processes through which political power is constructed, distributed, and maintained.

341 THE SOCIOLOGY OF GENDER 3
SOC 106 or PSY 111 rec; 75 hrs or cons inst req.
Explores the concepts, theories, and methods sociologists utilize to explain differences in the social relations between and among women and men. Individual, interactional, institutional and social change processes are examined.

350 SOCIOLOGY OF EDUCATION 3
SOC 106 rec; 75 hrs or cons inst req.
Sociological perspective on educational systems. Relationship of the educational system to other institutions, organizational characteristics and social factors influencing behavior of students.

352 THE SOCIOLOGY OF COMPLEX ORGANIZATIONS 3
SOC 106 req; 75 hrs or cons inst req.
Internal and external dimensions of complex organizations that help explain adaptation to the environment.

361 URBAN SOCIOLOGY 3 F,S
SOC 106 rec or cons inst req; 75 hrs or cons inst req.
Urban structure and dynamics stressing human ecological theories, power, and cultural forces affecting architecture and social interaction.

362 POPULATION 3 F,S
SOC 106 rec; 75 hrs or cons inst req. Formerly SOC 267.
Dynamics of population size and change, including fertility, mortality, migration, composition, spatial distribution, family, and relation to resources in the United States and the world; application and policy implications.

365 JUVENILE DELINQUENCY 3
75 hrs or cons inst req.
Delinquency as a social and legal problem; theories of delinquency, the juvenile court; prevention and treatment.

366 CONTEMPORARY SOCIAL MOVEMENTS 3
SOC 106 rec; 75 hrs or cons inst req.
Theories, methods, and research on social movements in the United States and on transnational social movements, including the women's movement.

367 CRIMINOLOGY 3
75 hrs or cons inst req.
Criminological theory and practice. Crime as a social and legal problem. The administration of justice.

375 ECONOMIC SOCIOLOGY 3 S
SOC 106 or 108 rec; 75 hrs or cons inst req.
Study of historical and contemporary economic behavior, institutions, and processes. Examination of production, distribution, consumption, markets, technology, and globalization.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP/COOP IN APPLIED SOCIOLOGY 1-6 F,S, Summer
SOC 271 or equiv rec; 75 hrs or cons inst req. Max 6 hrs toward SOC maj. Max 16 hrs of all 398 towards graduation.
Independent experience in applying sociology in a supervised community work setting. Academic requirements include final paper for internship coordinator based on integrative research experience.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/COOP IN SOCIOLOGICAL RESEARCH 3 F,S
SOC 271 and 275 or conc reg req; 75 hrs or cons inst req. May be repeated once. Max 16 hrs of all 398 towards graduation.
Practical experience in the design, implementation, analysis, and reporting of social science research through surveys, secondary data analysis, demographic analysis and program evaluation in a research project, usually in cooperation with a community agency.

398.03 PROFESSIONAL PRACTICE: INTERNSHIP/COMPUTING IN THE SOCIAL SCIENCES 1-6 F,S
SOC 271 or 275 or conc reg rec; 75 hrs or cons inst req. Max 16 hrs of all 398 towards graduation.
Introduction to computer applications in social science disciplines. Projects assigned using WebCT format explore the social implications of computer technology in an automated world. Practical experience in maintaining a computer lab facility and tutoring social science students.

Anthropology Courses (ANT)

100 GENERAL ANTHROPOLOGY 3 F,S
ANT maj/min or cons inst req.
An introduction to the principal subfields of anthropology. Surveys major concepts, methods, discoveries, and their practical applications.

101 HUMAN ORIGINS OC-SS 3 F,S
Inner Core req.
Overview of the origin and evolution of the human species from the natural scientific, social scientific, and selected religious perspectives.

143 UNITY AND DIVERSITY IN LANGUAGE OC-SS 3 F,S
Inner Core req. Also offered as ENG/FOR 143.
Introduction to the disciplined study of human language as it reflects human cognition, social relations, cultural conventions, and speech communities.

175 CROSS-CULTURAL PERSPECTIVES ON CONTEMPORARY HUMAN PROBLEMS MC-IS 3 F,S
ENG 101 or COM 110 req or conc reg req. May not be taken under the CT/NC option.
Overview of various contemporary human and global problems from a cross-cultural and anthropological perspective.

181 WORLD PREHISTORY 3 F,S
Survey of prehistoric human cultures from their origins to the beginning of the historic period.

185 CULTURES OF THE WORLD OC-SS 3 F,S
Inner Core req. Not for cr ANT maj.
A surveys of many of the world's societies and traditions, examined from an anthropological perspective.

270 CROSS-CULTURAL PERSPECTIVES ON WOMEN, SEX ROLES AND GENDER 3 F,S
ANT 100, 101, 143, 175, 185; WS 120, or SOC 106 req.
An examination of the position of women, their inter-relationship with men, the assignment of male and female roles, and the conceptualization of gender ideology in various societies and cultures.

272 NORTH AMERICAN INDIANS 3 S
45 hrs or cons inst req.
Comparative survey of selected historic and modern Native American cultures.

273 FOODWAYS 3
45 hrs or cons inst req.
Comparative study of food habits with emphasis on origins and cultural significance.

274 PRINCIPLES OF ARCHAEOLOGY 3 S
ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req.
Principles, methods, and techniques of locating and excavating archaeological sites, interpreting archaeological data, and reconstructing past behavior.

277 LANGUAGE AND CULTURE 3
ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req.
Examination of the social and cultural functions of language, applying anthropological linguistic models to the study of past and present cultures.

281 PRINCIPLES OF ETHNOLOGY 3 S
ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req.
The major aspects of sociocultural systems such as marriage, domestic organization, age grades, secret societies, and religion studied from a cross-cultural perspective using a variety of theoretical frameworks.

283 NORTH AMERICAN ARCHAEOLOGY 3
45 hrs or cons inst req.
Prehistoric cultures of North America, from late Pleistocene to the occupation of the continent by Europeans. Origin and development of cultural patterns traced; current problems examined.

285 ETHNOGRAPHY 3 F
45 hrs or cons inst req.
Study of the techniques used to describe cultural practices and beliefs.

286 PALEOANTHROPOLOGY 3 F
ANT 100, 101, 143, 175, or 185; and 45 hrs or cons inst req.
Detailed survey of the principal fossil discoveries, controversies, and proposed models of human biological evolution.

288 HUMAN VARIATION AND ADAPTATION 3 S
45 hrs or cons inst req. Offered odd-numbered years. Alternates with ANT 290.
Study of human population variation in terms of biological and cultural adaptations to different environments.

290 PRIMATE STUDIES 3 S
45 hrs or cons inst req. Offered even-numbered years. Alternates with ANT 288.
Concentrated examination of various aspects of the primates: their biology, behavior, evolution, and significance for understanding human nature.

294 JAPANESE SOCIETY AND CULTURE 3
45 hrs or cons inst req.
Examination of modern Japanese culture, social structure, and institutions from an anthropological perspective.

297 LOST CONTINENTS AND SUNKEN CITIES 3
ANT 100 req. ANT 274 rec. Formerly FANTASTIC ARCHAEOLOGY.
Survey of the pseudo-scientific theories of the archaeological past.

300.01 SOCIAL SCIENCE SEMINAR 3
SSC maj req. ECO 131 or GEO 204 or HIS 200 or 296 or POL 209 or SOC 271 req; completion of at least 1 course in 5 of the 7 program areas (American History, Anthropology, Economics, Geography, Political Science, Sociology, and World History) req; completion of at least 12 hours of senior-level SSC courses req. Also offered as ECO/GEO/HIS/POL/SOC 300.01.
An intensive examination of a selected issue in the social sciences taught from an interdisciplinary perspective, culminating in a capstone student research project.

301 ARCHAEOLOGICAL ANALYSIS 3 S
ANT 100 req; and ANT 274 rec.
An advanced course that uses a combination of lectures and laboratory sessions to explore the methods used in the analysis of archaeological materials.

306 REGIONAL AND AREA STUDIES 1-9
75 hrs or cons inst req. May be repeated if content different. Course topic determines subfield placement.
Intensive study of particular lands, environments, cultures, and peoples.

342 SOCIOLINGUISTICS 3
Also offered as ENG 342.
Social significance of language variation: regional, social, ethnic dialects; attitudes towards variation. Multilingual societies, language choice, language shift, language planning.

370 ZOOARCHAEOLOGY 3 F
75 hrs; ANT 100, 274 req.
Foundations of zooarchaeology including identification techniques, analytical methods, and interpretation of animal bone assemblages from archaeological sites.

374 INTRODUCTION TO MUSEUM STUDIES 3 F
Jr standing and 75 hrs or cons inst req.
Examination of the history, organization, and administration of museums as well as the methods of acquisition, preservation and exhibition of artifacts.

376 THE ARCHAEOLOGY OF GENDER 3 S
ANT 100, 274 req.
Exploration of various archaeological approaches to the interpretation of gender in past societies.

380 KEY CONCEPTS IN ANTHROPOLOGY 3 F
ANT 274, 277, 281, 286, and 75 hrs or cons inst req.
Anthropological thought from historical, systematic and applied viewpoint; emphasis on changing content, concepts, methods of the discipline.

381 ARCHAEOLOGICAL FIELD SCHOOL 1-9 Summer
ANT 274 rec; 75 hrs or cons inst req. Materials charge optional.
Field instruction in methods and techniques of archaeological survey, excavation, preparation and preservation of materials, and record keeping.

382 SENIOR THESIS IN ANTHROPOLOGY 3 S
ANT 380 req.
Intensive experience in research and writing on an individually selected topic.

383 STUDIES IN SELECTED CULTURES 3
ANT 100 and 75 hrs or cons inst req.
Culture patterns of selected areas. Topics include physical characteristics, history, social, political, intellectual life, and cultural change.

386 ARCHAEOLOGY THEORY 3
ANT 274 req. Formerly METHOD AND THEORY IN ARCHAEOLOGY.
Archeological method and theory from 1800 to the present, emphasizing American archaeology.

387 ADVANCED TOPICS IN PHYSICAL ANTHROPOLOGY 3
24 hrs in ANT including 286, 288, and 290 or cons inst req. May be repeated if content different.
Intensive examination and analysis of current research questions and controversies in paleoanthropology, primatology, and human adaptation studies.

388 HISTORICAL ARCHAEOLOGY 3
ANT 274 and 75 hrs or cons inst req.
Research methods of historical archaeology reviewed, and the principles that underlie the methods examined critically.

392 ARCHAEOLOGICAL MATERIAL CULTURE 3 F
ANT 274 or equiv req.
Examination of the identification, meaning, and interpretation of the material culture excavated and studied by archaeologists.

398 PROFESSIONAL PRACTICE: INTERNSHIP/CO-OP IN ANTHROPOLOGY 3-6 F,S,Summer
21 hrs in ANT; jr/sr standing; 2.50 maj GPA; cons ANT Prof Pract Coord or faculty advisor; 75 hrs or cons inst req. Max 6 hrs toward ANT maj. Max 16 hrs all 398 towards graduation.
Supervised field experience in a professional capacity in any Anthropology subdiscipline with appropriate campus, community, state, national, or international agencies, museums, institutes, organizations, or businesses.

SPEECH PATHOLOGY AND AUDIOLOGY (PAS) 472

204 Fairchild Hall, (309) 438-8643
Web address: http://www.speechpathaud.ilstu.edu
Email address: hrfritz@ilstu.edu

Chairperson: Walter J. Smoski.
Tenured/Tenure-track Faculty:
Professor: Beck.
Associate Professors: A. Bowman, Harbers, Prendergast, Smoski.
Assistant Professors: Bailey, McNamara, Sawyer.

General Department Information

MINOR IN COGNITIVE SCIENCE

The Department of Speech Pathology and Audiology participates in the degree program for the Minor in Cognitive Science. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under University-Wide Curriculum in this *Undergraduate Catalog*.

HONORS IN SPEECH PATHOLOGY AND AUDIOLOGY

Honors work in communicative disorders and speech and hearing science is available to qualified students. In order to successfully complete the Departmental Honors Program, candidates must fulfill the general requirements for participation in the University Honors Program, and:

— complete all requirements for the major, earning no grade lower than B in Speech Pathology and Audiology (PAS) courses, and maintain a 3.50 GPA in PAS courses;
— complete a minimum of 9 semester hours of in-course honors work in 300-level PAS courses;

— complete an Honors Project (PAS 299) or Honors Thesis (IDS 395) for 3 semester hours.

Interested students should contact the undergraduate departmental advisor for additional details and admission procedures.

Speech Pathology and Audiology Programs

Degree Offered: B.S.

New Freshmen Admission Requirements:

Requirements are the University Admissions Standards. Refer to the Office of Admissions for more information at 1-800-366-2478 or www.IllinoisState.edu/apply.

New Transfer Admission Requirements:

Students transferring from other institutions will be considered for admission to the Major in Speech Pathology and Audiology if they have a 2.50 cumulative GPA for all college coursework attempted.

Internal Transfer Requirements (Current Illinois State students changing their major):

Students must have a minimum 2.50 GPA from at least 12 hours of Illinois State University coursework to apply. Internal transfers are also required to fill out an application and complete an essay. Applications are available in 204 Fairchild Hall. Applications for admission into the major will be reviewed between September 1 and October 1 and between February 1 and March 1. A completed application with essay should be turned into the Department Office in Fairchild Hall, room 204. Students will be contacted within two weeks from the last date of the application period regarding their status for major admission. Applications will be kept for two consecutive semesters from the date of application.

Standards for Progress in the Major:

In order to remain in the major, students must attain a 3.00 GPA in the following 3 courses: PAS 155, PAS 175 and PAS 310. An average grade below 3.00 in these courses will result in the student being dropped from the Speech Pathology and Audiology major. Any student who falls into this category will be advised of this during a meeting with the department advisor and will be advised that to be re-enrolled into the PAS major, students will need to re-enroll in the above three courses until a B average is achieved.

MAJOR IN SPEECH PATHOLOGY AND AUDIOLOGY

Speech Pathology Sequence:

— 45 hours in Speech Pathology-Audiology required.
— Required courses: PAS 155, 175, 215, 310, 316, 318, 319, 321, 332, 349, 350, 351, 352, 360.
— Professional Education requirements: C&I 210 or PSY 213; SED 101.

This is a pre-professional program designed to prepare students for practice in any setting. A master's degree in this field is needed to obtain the Type 73 School Services Personnel Certificate endorsed in Speech-Language Pathology, the Illinois License in Speech-Language Pathology, and the American Speech-Language-Hearing Association's Certificate of Clinical Competence. Copies of requirements for all of these credentials are available in the Department office. Clinical Experiences are obtained at the undergraduate and graduate levels.

CLINICAL EXPERIENCES

Clinical Experiences are provided at the Eckelmann-Taylor Speech and Hearing Clinic, in off-campus clinical teaching centers, in local schools, in campus laboratory schools, university classes, agencies and other approved non-school settings. In accordance with the American Speech Language Hearing Association, students must obtain a minimum of 25 clock hours of observation before beginning any clinical practicum experiences. These clinical experience observation hours are acquired in various undergraduate courses.

Audiology Sequence:

— 39 hours required. **NOTE**: Because of prerequisites or lack of prior skill, this major may require more hours than indicated.
— Required courses: Speech Pathology and Audiology 115, 155, 175, 215, 310, 318, 321, 332, 349, 350, 351, 352.

This is a preprofessional program designed to prepare students for graduate study in Audiology. Upon completion of the master's degree, the student will have completed the academic and clinical requirements for the American Speech-Language-Hearing Association's Certificate of Clinical Competence in Audiology. All Clinical Experiences are obtained at the undergraduate and graduate levels.

MINOR IN SPEECH PATHOLOGY AND AUDIOLOGY

— 21 hours required.
— Required courses: PAS 155, 175, 215, 310. Electives cannot include practicum courses.
— **NOTE:** Students taking this minor will not qualify in this area for Illinois or American Speech-Language-Hearing Association certification.

Assessment:

Majors in Speech Pathology and Audiology are expected to participate in the assessment process as one of the requirements for an undergraduate degree in this Department.

Speech Pathology and Audiology Courses

115 HUMAN VERBAL DEVELOPMENT 3 F,S
Incl Clin Exp. Formerly INTRODUCTION TO HUMAN VERBAL DEVELOPMENT.
The study of human communication, including the anatomy and physiology of speech and hearing, with an emphasis on speech and language development in children and the role of caregivers in the acquisition process.

155 ANATOMY AND PHYSIOLOGY OF THE SPEECH AND HEARING MECHANISM 4 F,S
Formerly PAS 272.
Anatomic and physiologic foundation of the speech and hearing mechanism. Current physiologic theory applied to etiology of speech and hearing disorders.

175 SPEECH AND LANGUAGE DEVELOPMENT 3 F,S
Incl Clin Exp: 5 hrs, Type 1. Formerly PAS 320.
Comprehensive study of acquisition of speech and language by children. Emphasis on first 6 years.

211 PHONETICS 3 F,S
Incl Clin Exp: 5 hrs, Type 1. Not for cr if had PAS 215.
Sound system of American speech. Standard and non-standard variations. Articulatory and acoustic considerations. Practice in transcribing and reading phonetic symbols.

215 CLINICAL PHONETICS 4 F,S
PAS 155 req. Incl Clin Exp: 4 hrs, Type I. Not for cr if had PAS 211, 315.
Clinical application of the sound system of English. Phonological development. Characteristics and etiologies of articulation and phonological disorders.

310 CLINICAL NEUROLOGY 4 F,S
Formerly NEUROBASIS OF SPEECH, LANGUAGE, HEARING.
Study of neuroanatomy and physiology related to speech, language, and cognition. Aphasia, traumatic brain injury and right hemisphere disorder introduced.

316 INTRODUCTION TO ORGANIC DISORDERS OF SPEECH 3 F,S
PAS 310, 349 req. Incl Clin Exp: 5 hrs, Type 1.
Speech disorders related to respiratory-laryngeal and articulatory-resonance systems and includes both diagnostic and remedial procedures for these disorders.

318 PROFESSIONAL ISSUES IN SPEECH LANGUAGE PATHOLOGY AND AUDIOLOGY 3 F,S
Formerly ORGANIZATION OF SPEECH, HEARING, AND LANGUAGE PROGRAMS.
Professional attitudes, ethics, and organizations. Responsibilities in various professional settings. Program development and maintenance.

319 FOUNDATIONS OF SPEECH DISORDERS 3 F,S
PAS 310 req. Incl Clin Exp: 2 hrs, Type 1. Formerly STUTTERING I.
Etiology, characteristics, and development of stuttering and motor speech disorders. Introduction to intervention strategies.

321 INTRODUCTION TO LANGUAGE DISORDERS 4 F,S
PAS 175 req. Incl Clin Exp: 5 hrs, Type 1. Formerly LANGUAGE PATHOLOGY.
Introduction to the identification and remediation of language disorders in children and adolescents. Includes language analysis lab experiences.

332 THE CLINICAL PROCESS: EVALUATION AND TREATMENT 4 F,S
PAS 215, 321 req. Maj only. Incl Clin Exp: 20 hrs, Type 1. Not for cr if had PAS 330, 331.
Clinical principles and procedures for differential diagnosis and evaluation of communication disorders. Introduction to clinical techniques and management.

349 SPEECH AND HEARING SCIENCE 3 F,S
PAS 155 req or cons inst. Formerly HEARING SCIENCE.
Introduction to concepts, theories, and terminology required for an understanding of speech reception, auditory processing and speech production.

350 INTRODUCTION TO AUDIOLOGY 3 F,S
PAS 349 req. Incl Clin Exp: 4 hrs, Type 1.
Principles of hearing measurement: sound, human ear, test methods, hearing losses, screening methods, test interpretation.

351 INTRODUCTION TO AURAL REHABILITATION TRAINING 3 F,S
PAS 350 req. Incl Clin Exp: 4 hrs, Type 1.
Principles of habilitation/rehabilitation of communication disorders related to hearing impairment. Visual/auditory speech signals. Amplification: function/use.

352 SIGNED ENGLISH FOR CLINICIANS 1 F,S
Maj only, senior standing.
Introduction to Signed English for those who will provide therapy to children who are deaf or hard of hearing.

360 AUGMENTATIVE COMMUNICATION FOR NON-SPEAKING PERSONS 3 S
PAS 321 req. Incl Clin Exp: 5 hrs, Type 1.
Introduction to assessment, intervention strategies, technology and empirical research relative to non-speaking individuals.

COLLEGE OF BUSINESS

Dean: Dixie L. Mills, 401 College of Business Building.

Web address: www.cob.ilstu.edu

College of Business Mission Statement:

To be a highly respected college of business that develops professionals with the personal dedication, ethics and lifelong learning capabilities needed to succeed professionally and to serve society. We work as a diverse community promoting excellence in learning, teaching, scholarship, and service.

College of Business Objectives:

The College of Business provides a learning-centered environment to develop the business skills and appreciation for continuous learning necessary to succeed in a dynamic global economy. Our high quality programs develop ethical, knowledgeable, and technologically competent business professionals. We strive to further the University mission of providing a premier educational experience to students in our undergraduate and graduate programs.

The College offers programs leading to the bachelor's degree with majors in Accountancy, Business Administration, Business Information Systems, Business Teacher Education, Finance, Insurance, International Business, Management, and Marketing. Minor programs are also available. All eligible programs in the College of Business are accredited by the AACSB International—the Association to Advance Collegiate Schools of Business.

The College also offers graduate programs leading to the Master of Business Administration, Master of Science in Accountancy and Master of Professional Accountancy. Detailed information concerning these programs may be found in the *Graduate Catalog*.

Departments in the College of Business are: Accounting; Finance, Insurance and Law; Management and Quantitative Methods; and Marketing.

Admission Requirements:

A. Freshmen should contact Illinois State University Office of Admissions or the College of Business web site for admission requirements. Prospective students should, at a minimum, complete the coursework listed under "Admission Policies" in this catalog.

B. Transfer Students: Through a competitive and selective process, transfer students are evaluated for admission from a pool of qualified applicants on the basis of individual qualifications. The College of Business reserves the right to maintain a balanced enrollment; the number of students who continue in the program may vary from year to year depending on program capacity and the qualifications of students in the pool.

(1) New Transfer students (from other universities or colleges) must meet the University's admission requirements for transfer students in addition to the following:

   a. Students desiring to transfer with fewer than 30 credits completed when they enter Illinois State are evaluated upon their college coursework, GPA, and College of Business admission criteria for incoming freshmen.
   b. Students desiring to transfer with between 30-59 credits completed when they enter Illinois State University are evaluated based upon their college coursework, GPA, and College of Business admission criteria.
   c. Students desiring to transfer with 60 or more hours completed are based upon their college coursework, GPA, and College of Business admission criteria. Completed coursework must include grades of C or better in ACC 131, MAT 119 and MAT 120 or the equivalent of calculus, MAT 121.

(2) Internal Transfer students (transferring from majors within Illinois State University) must meet the following minimum criteria:

   a. Students desiring to transfer with fewer than 30 credits completed are evaluated based upon their college coursework, GPA, and College of Business admission criteria for incoming freshmen.
   b. Students desiring to transfer with a total of 30-59 credits completed or in progress are evaluated based upon their Illinois State coursework, GPA, and the College's admission criteria.
   c. Students desiring to transfer into a business major with a total of 60 hours or more completed or in progress are evaluated based upon their Illinois State University coursework, GPA, and the College's admission criteria. Completed coursework must include a grades of C or better in ACC 131, MAT 119 and MAT 120 or the equivalent of calculus, MAT 121.

Course Equivalent Transfer Policies:

In addition to the general requirements of the University and the College, the following policies apply to transfer students from other academic institutions seeking a business degree:

1. Credit for business and related courses from 2-year institutions may be transferred and applied to the business core but is limited to 100-level (lower-division freshman and sophomore) course placement.
2. Credit for business and related courses from baccalaureate degree granting institutions may be transferred and

applied to the business core and to the major if the course for which the credit is being transferred is at the equivalent level of the Illinois State University course, contains the same course content and requires equivalent prerequisites.

3. Each student must successfully complete the college capstone course (MQM 385) and his or her major's designated capstone courses at Illinois State University and must earn at least 50 percent of the business credit hours required for the degree at Illinois State University. Please contact an academic advisor for information concerning specific majors' capstone courses.

Standards for Progress in the Major:

All students are limited to 24 credit hours of business course work which is strictly enforced by the College through registration restrictions. Business majors may exceed this limit once they have applied and been accepted for continuance as a business major. **Admission to the major does not imply the student will be accepted for continuance once they have completed 60 credit hours.**

The continuance requirements represent *minimum* standards for a student to continue as a business major. Some students who satisfy the minimum standards may not be allowed to continue as a business major. Through a competitive and selective process, students are evaluated for continuance from a pool of qualified applicants on the basis of individual qualifications. The College reserves the right to maintain a balanced enrollment; the number of students who continue in the program may vary from year to year depending on program capacity and the qualifications of students in the pool.

Minimum requirements which allow a student to qualify to continue as a business major are as follows:

1. Complete, with a grade of C or better, the following tool courses: ACC 131, 132; BUS 100; ECO 105; MQM 100 (or ECO 138, GEO 138, POL 138 or PSY 138); MAT 121. (**NOTE:** BTE majors must complete BTE 140 in place of MAT 121.)
2. Prove computer competency (spreadsheet usage, presentation software, and Web page construction) through completion of the following: (ACC 167 and 168; ACC 166; ITK 150; IAI BUS 902); or by passing College-administered competency exams in these areas (ACC 189.67 and ACC 189.68).
3. Earn an overall Illinois State University GPA of 2.50 or higher on at least 12 completed hours.
4. Accountancy and Business Administration majors must earn a minimum B/C combination between ACC 131 and 132, including transfer courses.
5. Accountancy majors must also complete ACC 230 and 231 with a minimum of a grade of C in each and a 2.50 GPA in the two courses.
6. Business Teacher Education majors must earn a 2.50 cumulative GPA for continuance in their major and Admission to Professional Education.

NOTE: A Student may not enroll for a third time in a COB course if he or she has already received letter grades (A, B, C, D, F, WX, WP or WF) in two previous attempts.

Academic Requirements:

The academic requirements of the University apply to all of the programs in the College of Business. In addition, the following special academic requirements apply to all students in the College of Business:

1. Without College of Business approval students must complete at least 60 hours of the total 120 hours required for graduation in non-business studies. Up to nine hours of economics and up to six hours of statistics courses may be counted as non-business courses.
2. Required courses in the major with grades below C will not count toward the graduation requirements of College of Business majors. Such grades will be included in computing the cumulative GPA.
3. Students must have a 2.00 GPA or higher at Illinois State in order to graduate with a business degree. Business Teacher Education majors must earn and maintain a 2.50 major and cumulative GPA through graduation.
4. Students majoring in business must complete their senior year (30 hours) in residence at Illinois State University. Under unusual circumstances the Dean of the College of Business may grant a modification of this requirement.
5. Each student must successfully complete the college capstone course (MQM 385) and his/her major's designated capstone course at Illinois State University, and must earn at least 50 percent of the business credit hours required for the degree at Illinois State University.
6. Enrollment in 200-level business courses requires 60 completed semester hours. Enrollment in 300-level business courses requires 75 completed semester hours. This policy is strictly enforced.
7. Students who go on probation a second or subsequent time will be dropped from the College of Business.
8. The College of Business only allows students to repeat a course once. Students who earn a W grade in a repeated course must apply for permission to complete a third enrollment.
9. Students-at-large and graduate students must apply for permission from the College of Business to register for business courses. Such students will be required to furnish official transcripts to show that prerequisite requirements have been fulfilled. Some courses in the College have restricted and/or limited enrollments and may not be an option. These students, as all non-business majors, are restricted to 24 hours of business course work.

Non-Business Majors:

Non-business majors are limited to no more than 24 credits of business course work. Students who desire to elect more than 24 hours in business courses must register for additional courses with permission of the College of Business advisor or Department Chair.

STRUCTURE OF BUSINESS PROGRAMS:

The Business Core Courses: (44 hours):

100-level ***(Freshman/Sophomore level)***

BUS 100	Enterprise (3 hours)
ACC 131	Financial Accounting (3 hours)
ACC 132	Managerial Accounting (3 hours)
ECO 105	Principles of Economics (4 hours)
ENG 145.13	Language and Composition II: Writing for Business and Government Organizations (3 hours)
FIL 185	Legal, Ethical and Social Environment of Business (3 hours)
MQM 100	Statistical Reasoning (3 hours) **or** ECO 138, GEO 138, POL 138 or PSY 138 (3 hours)
MAT 121	Applied Calculus (4 hours)

200- and 300-level ***(Junior/Senior level)*****:**

ACC 270	Information Systems In Organizations (3 hours)
FIL 240	Business Finance (3 hours)
MKT 230	Introduction to Marketing Management (3 hours)
MQM 220	Business Organization and Management (3 hours)
MQM 227	Operations Management (3 hours)
MQM 385	Organizational Strategy (3 hours)

1. All business majors are expected to show proficiency in the usage of electronic spreadsheets (MS Office Excel), presentation software, and web page construction by course work (ACC 167 and 168, or ACC 166; ITK 150; IAI BUS 902 or equivalent) or by passing College-administered competency exams in these areas.
2. Majors in Business Teacher Education take alternate courses to meet the requirements for MAT 121, MQM 227 and MQM 385 as specified under the program's requirements.
3. Prerequisites for all business courses are strictly enforced and must be successfully completed by the first day of the semester. Please see the course description for individual course prerequisites.

Major Required Courses (21-24 hours):

Most business majors will require an additional 21 or 24 hours of business course work and electives. See individual major programs for an outline of the requirements.

General Education (42 hours):

The following courses meet General Education requirements in addition to major requirements: MQM 100; ECO 138 or GEO 138 or POL 138 or PSY 138 (Middle Core-Quantitative Reasoning); MAT 121 (fulfills the University's Science, Math, and Technology requirement).

University-Wide Electives :

The minimum hours required for graduation are 120. These electives may be business or non-business courses.

Business Course:

BUS

100 ENTERPRISE 3 F,S
ENG 101 or COM 110 or conc reg req. Not for cr if had BTE 100 or BEA 100.
Theory and practice of private enterprise. Includes purposes, structures, functional areas and related institutions as well as individual career planning and library research skill development.

ACCOUNTING (ACC) 552

301 College of Business Building, (309) 438-7651
Web addresses: www.acc.ilstu.edu/
www.cob.ilstu.edu/BIS

Chairperson: Gerald W. McKean.
Tenured/Tenure-track Faculty:
Professors: C. Craig, T. Craig, Leinicke, Moon, Ostrosky, Patten, Razaki.
Associate Professors: Lindberg, McClure, McKean, Rich, Schambach, Walstrom.
Assistant Professors: Brown, Crampton, Duffy, Houck, Jones, Leong, Love, Nelson.

General Department Information

The mission of the Department of Accounting is to provide high-quality, student-centered educational programs for students preparing for professional careers in accounting and information systems; to support research and other scholarly activities consistent with these programs; and to perform service activities for the Department, the College of Business, the University, and other organizations consistent with these programs. In addition, our mission includes establishing relationships with outside organizations that support our programs, students, and faculty. Providing introductory and other courses in accounting and information systems to non-major students, as a service to other departments within the College and University, is also fundamental to our mission.

The goals of the Department of Accounting are as follows:

1. Our first priority is to develop student potential through high quality pedagogy and educational experiences.
2. Our second priority is to perform applied, basic, and instructional research that complements our educational programs.
3. Our third priority is to participate in internal and external service activities which complement our educational programs and research activities, and build partnerships with key constituencies.

The curriculum is designed to provide students with the common body of knowledge established by the accounting profession for those entering the profession.

The Department of Accounting offers a 120-hour Bachelor of Science (B.S.) with a major in Accountancy and a 150-hour combined Bachelor of Science and Master of Professional Accountancy (B.S./M.P.A.) degrees. Both programs are described below. The B.S. has four sequences of study: the Accounting Information Systems Sequence, Business Information Systems Sequence, Career Specialty Sequence, and the Financial Accounting Sequence. The B.S./M.P.A. has two sequences: The Accountancy and Information Systems Sequence and the Professional Accountancy Sequence. Each sequence is intended to provide its graduates with the necessary foundation for a successful career, including the ability to pass professional examinations.

Students should select a sequence based upon their interests and career goals. Department advisors and faculty members are available to counsel students as they make this decision.

Courses completed in the Department of Accounting at this University with grades below C will not count toward the graduation requirements of either the Accountancy Major or Minor, but all grades of D, F, and WF in Accounting courses at this University will be included in computing the cumulative GPA.

Honors Program Requirements:

The Department offers honors work in the different departmental programs to majors who have fulfilled the general requirements for participation in the University Honors Program and completed 60 semester hours with a cumulative Illinois State University GPA of 3.30 (A = 4.00) and a 3.50 GPA in Accounting courses. Students interested in the program should see the departmental advisor. Requirements for honors in the Accounting Honors Program are available in the departmental office.

Admission Requirements:

All majors in the Department of Accounting must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specific number of hours, to enroll in courses in the Department. Certain courses are restricted to Accountancy majors only.

Admission to the Department of Accounting is on a competitive basis with preference given to students who have demonstrated an ability to complete successfully the degree requirements. Enrollments in the Department are managed to help assure a high quality educational experience for qualified Accountancy majors.

The Department of Accounting reserves the right to maintain a balanced student enrollment.

Students considering Graduate School should make application to the Master of Science in Accountancy Degree program early in their senior year. Students who previously have completed a baccalaureate degree outside of Accounting should consider making application directly into the Master of Science in Accountancy program.

Accountancy Programs

MAJOR IN ACCOUNTANCY

Degree Offered: B.S.

After completing the 100-level Business Core courses, the Accountancy major must complete ACC 230 and 231 with a minimum grade of C in each and a 2.50 GPA in all attempts of these two courses. Prerequisites for ACC 230 and 231 require a minimum B/C grade combination of ACC 131 and 132.

In addition, an Accountancy major must complete requirements under one of the following sequences: Accounting Information Systems, Business Information Systems, Career Specialty, and Financial Accounting. Descriptions of each sequence follow.

Accounting Information Systems Sequence:

This sequence is designed to provide entry-level accountants with information systems and technology skills and competencies as recommended by the International Federation of Accountants (IFAC). This sequence would prepare accountants to be a user of information technology and an evaluator of information systems (e.g., internal or external auditor).

— Students selecting the Accounting Information Systems (AIS) Sequence must complete the following 74 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 260, 261, 263, 270, 363, 370; ECO 105; ENG 145.13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
— **NOTE:** MAT 120 is a prerequisite for MAT 121.

Business Information Systems Accounting Sequence:

This sequence is designed to prepare students for entry level accounting positions requiring significant training in Business Information Systems. This preparation is particularly valuable in accounting consulting positions, certain auditing positions, and in many progressive industrial positions.

— Students selecting the Business Information Systems Accounting Sequence must complete the following 74 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 261, 263, 270, (266 and 366) or (260 and 368), 362; ECO 105; ENG 145.13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
— **NOTE:** MAT 120 is a prerequisite for MAT 121.

Career Specialty Sequence:

This sequence allows Accountancy majors to design a plan of study that meets their career goals. Students may elect up to 12 hours in another specialized area with advice and approval of academic advisors and Department Chair.

— Students selecting the Career Specialty Sequence must complete the following 62 required hours: BUS 100;

ACC 131, 132, 230, 231, 232, 233, 235, 263, 270; ECO 105; ENG 145.13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.

— **NOTE:** MAT 120 is a prerequisite for MAT 121.

— Of the 12 hours of career electives, most hours should consist of upper-division courses in a specialized area of study, typically in business, economics, or areas of information technology offered by Accounting (or, if not offered by Accounting, by other departments). A student's plan of specialized study for the Career Specialty Sequence must be:

a) developed in the semester following successful completion of ACC 230 and ACC 231;
b) must be approved by the Department Chair;
c) cannot include more than 6 hours of Accounting electives; and
d) will not include courses already completed before approval of the plan of study.

Financial Accounting Sequence:

This sequence is designed to meet the minimum formal accounting-content requirements for a student to sit for the Certified Public Accountant (CPA) examination. Students in this sequence may also prepare to sit for the Certified Management Accountant (CMA) examination and/or the Certified Internal Auditor (CIA) examination.

— Students selecting the Financial Accounting Sequence must complete the following 71 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 263, 270; ECO 105; ENG 145.13; FIL 185, 240, 375; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385; and six hours from the following list of upper-division (200- or 300-level) Accounting electives: ACC 298, 330, 334, 336, 337, 340, 363, 375, 398.

— **NOTE:** MAT 120 is a prerequisite for MAT 121.

Integrated Bachelor of Science (B.S.)
Master of Professional Accountancy (M.P.A.):

Degrees offered: B.S., M.P.A.

The integrated B.S./M.P.A. Degrees program is primarily oriented toward preparation for professional careers in accounting. Two sequences are offered: (1) Accountancy and Information Systems, and (2) Professional Accountancy. Both sequences permit graduates to meet minimum education requirements to sit for the Uniform Certified Public Accountant (CPA) Examination in Illinois. The Accountancy and Information Systems sequence permits students to emphasize study of information systems related to accounting and other business fields more than the Professional Accountancy sequence, which permits students to study further in such areas as taxation, auditing, financial accounting, managerial accounting, financial management, and information systems.

The 150-hour B.S./M.P.A. program generally includes 30 hours of graduate course work. Successful completion of the integrated program will culminate by granting simultaneously both B.S. and M.P.A. degrees. The B.S./M.P.A. integrated program is designed for students wishing to complete both degrees at Illinois State University. The program is not designed to admit students who have already completed a bachelor's degree.

Students must successfully apply for continuance in the B.S./M.P.A. program in their junior year (after 60 semester hours). Graduate admission would take place after the student has completed approximately 90 hours. Students will be admitted who meet graduate entrance requirements, which include satisfactory performance on the Graduate Management Admission Test (GMAT), their previous academic performance, and other evidence of their ability to successfully complete the program. Admission timing is very important to successfully complete the program so students should regularly consult with their Accounting undergraduate or graduate advisor.

Core courses: Students selecting either sequence must complete BUS 100, ACC 131, 132, 230, 231, 232, 233, 235, 260, 261, 263, 270, 430, 482, 497; FIL 185, 240, 375; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13, MAT 121 or 145. **NOTE**: MAT 120 is a prerequisite for MAT 121.

Accountancy and Information Systems Sequence:

In addition to core courses, students must complete (a) 9 hours from ACC 368, 468, and 472; (b) 9 hours of Accounting electives, of which 6 hours are chosen from ACC 431, 434, 435, 439, or 498, and 3 additional hours chosen from ACC 330, 334, 336, 337, 340, 431, 434, 435, 439, or 498; and (c) 6 additional hours of Accounting or business electives.

Professional Accountancy Sequence:

In addition to core courses, students must complete (a) 15 hours of Accounting electives, of which 6 hours are chosen from ACC 431, 434, 435, 439, or 498, and 9 additional hours are chosen from ACC 330, 334, 336, 337, 340, 431, 434, 435, 439; (b) 3 hours from FIL 440, ACC 468, 472, or other approved 400-level elective outside of the accounting discipline; and (c) 6 additional hours chosen from either courses listed in (a) of this paragraph or from ACC 375, 398, 468, 472, 498 (of which no more than 3 hours may be ACC 398 or 498).

NOTE: Students in either sequence who wish to enhance their chances of passing the CPA examination should include in their plan of study the following advanced accounting courses: ACC 330, 334, 336, 337.

Requirements for CPA Examination:

Academic requirements to sit for the CPA examination in Illinois include (1) 150 semester hours of college course work, and (2) a baccalaureate or higher degree, including at least 24 semester hours in accounting at the undergraduate and/or graduate level with at least one course each in financial accounting, auditing, taxation, and management

accounting and at least 24 semester hours in business courses (other than accounting) at the undergraduate and/or graduate level.

Students planning to sit for the CPA examination are advised to complete, at a minimum, the Financial Accounting Sequence of the Accountancy B.S. program. Students should also give serious consideration to completing one or more of the following formal programs of study before leaving the Illinois State campus to begin their professional careers: The Bachelor of Science/Master of Professional Accountancy Program described above, a Master of Science degree in Accountancy, a Master of Business Administration degree, or one of the other sequences of the Accountancy B.S. (the Accounting Information Systems Sequence, the Business Information Systems Sequence, or the Career Speciality Sequence). Each sequence is 12 hours beyond the Financial Accounting Sequence. Additional information concerning the 150-hour requirement, including recommended areas of course work for students not pursuing an B.S./M.P.A., M.S., or M.B.A. degree, is available from the academic advisors.

MINOR IN ACCOUNTANCY

— 21 hours in Accounting required.
— Required courses: ACC 131, 132, 231, 232.
— 9 elective hours in Accounting courses approved by a departmental advisor.
— These courses must be completed with a grade of C or better. A minimum B/C combination is required between ACC 131 and ACC 132 to continue with the Accountancy minor.

Repetition of Courses in Accounting:

A student can register officially for an Accounting course only twice. That is, if a student completes a course, or drops a course after the official tenth day enrollment report, he or she may enroll officially in the same Accounting course only one additional time.

MAJOR IN BUSINESS INFORMATION SYSTEMS

Degree Offered: B.S.

— 68 required hours including 44 hours in required core and non-business courses and 24 hours of major course work.
— 44 hours required: ACC 131, 132, 270; BUS 100; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
— Business Information Systems required courses (18 hours): ACC 260, 261, 266, 362, 366, 368; and six hours from the following list of 200- or 300-level Accounting electives: ACC 255, 263, 287 (or 299), 363, 370.

NOTE: Program admission, graduation requirements and program admission standards for the Business Information Systems degree are the same as those that apply to all students in the College of Business. See College of Business section of this *Undergraduate Catalog*.

Accounting Courses

131 FINANCIAL ACCOUNTING 3 F,S
Introduction to financial accounting. Examines the nature of accounting, basic accounting concepts, financial statements, accrual basis of accounting, the accounting cycle, monetary assets, inventories, fixed assets, current and noncurrent liabilities, and owner's equity.

132 MANAGERIAL ACCOUNTING 3 F,S
ACC 131 req.
Introduction to managerial accounting. Examines the nature of cost-volume-profit analysis and product costing; investigates budgets and standard costs in planning, control and performance measurements; and employs relevant costs and present value techniques in decision making.

166 BUSINESS INFORMATION SYSTEMS 3 F,S
Business maj or Health Information Management maj. Materials charge optional.
Introduction to Business Information Systems concepts and microcomputer software tools designed to improve management productivity.

167 ELECTRONIC SPREADSHEET USAGE 1 F,S
CR/NC only. Lecture and lab.
Introduces the electronic spreadsheet for use as a tool to improve management productivity.

168 INTERNET AND PRESENTATION TOOLS 1 F,S
CR/NC only. Lecture and lab.
Introduces intermediate Web browsing and E-mail techniques, skills on using a Web page editor, and using a presentation software package like PowerPoint.

225 ADVANCED MICROCOMPUTER APPLICATIONS FOR THE PROFESSIONAL 3 F,S
MS Office competency or ACC 167 and 168 or equiv req. Materials charge optional. Also offered as BTE 225.
Development of advanced skills in widely used application software. Introduces topics related to the role of technology in education and training.

230 COST AND MANAGEMENT ACCOUNTING 3 F,S
ACC 132 and MAT 121 req; min B/C combination between ACC 131 and 132 req; B or higher in ACC 131 and 132 rec.
Study of managerial accounting concepts in planning, control and decision making. Emphasis on product costing methods, cost drivers, cost-volume-profit analysis, budgets, standard costs, just-in-time implications, relevant costs and capital budgeting decisions.

231 INTERMEDIATE ACCOUNTING I 3 F,S
ACC 132 req; min min B/C combination between ACC 131 and 132 req; B or higher in ACC 131 and 132 strongly rec.
The study of financial accounting theory and practice relating to monetary assets, inventories, plant assets, intangible assets, current liabilities, contingencies, and stockholders' equity. Present value applications, and preparation of financial statements are examined. The following topics are also overviewed: the environment of financial accounting, the development of accounting standards, and the conceptual framework underlying financial accounting.

232 INTERMEDIATE ACCOUNTING II 3 F,S
C or higher in ACC 231 req.
The study of financial accounting theory and practice relating to the following topics: long-term liabilities, dilutive securities, earnings per share, investments, revenue recognition, accounting for income taxes, pension costs, leases, accounting changes, errors, and the preparation of cash flow statements.

233 FEDERAL INCOME TAXATION 3 F,S
ACC 131 with grade of C or better or cons dept chair req.
Study of the basic concepts of federal income taxation as they apply to individuals, partnerships, and corporations.

235 AUDITING 3 F,S
ACC maj only; C or higher in ACC 231 req.
The CPA profession, including professional ethics and legal liability; professional auditing standards; evidence; internal control; audit programs and procedures; audit reporting; introduction to operational auditing.

255 ELECTRONIC BUSINESS MANAGEMENT 3 F,S
MS Office Competency or ACC 167 and 168 or equiv req.
Principles of managing the linkage between organizational strategy and enterprise information technologies, including e-commerce architecture, development and strategy.

260 COMPUTER PROGRAMMING FOR BUSINESS 3 F,S
MS Office competency or ACC 167 and 168 or equiv req.
An introduction to the design and development of computer programs for business application. Emphasis is placed on learning program structure and syntax of a business computer language. Developing applications with a Graphical User Interface (GUI) will be introduced.

261 BUSINESS SYSTEMS ANALYSIS 3 F,S
MS Office competency or ACC 167 and 168 or equiv req; ACC 132 with grade of C or better req.
An introduction to the analysis and design of modern information systems. Systems Development Life Cycle (SDLC) and structured methodologies are emphasized.

263 ACCOUNTING INFORMATION SYSTEMS 3 F,S
ACC maj only. MS Office competency or ACC 167 and 168 or equiv req. ACC 132 with grade of C or better req. Materials charge optional.
Examine the development, implementation, and control of systems used in business and accounting processes. Current technologies used in actual business situations are emphasized. Address the impact these technologies have on the accounting profession.

266 COBOL 3 F,S
MS Office competency or ACC 167 and 168 or equiv req. Not for cr if had ITK 272.
The study of using the COBOL programming language for the purpose of solving business information requests. Emphasizes structured programming concepts, file processing, report creation, data validation and table handling.

270 INFORMATION SYSTEMS IN ORGANIZATIONS 3 F,S
MS Office competency or ACC 167 and 168 or equiv req; ACC 132; ECO 105 (or ECO 101 and ECO 102); MQM 100; MAT 120 req; ACC 132 or conc reg req.
Management-oriented course covering concepts of business information systems and integration of business information systems with functional areas of organizations.

298 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN ACCOUNTING 1-6 F,S
Jr standing req. See internship Director for info and cons.

330 ACCOUNTING FOR NON-PROFIT ENTITIES 3 F,S
ACC maj only; C or higher in ACC 231 req.
Examination of accounting and financial reporting principles for nonprofit entities including state and local governmental units, colleges, hospitals, and other nonprofit organizations.

334 ADVANCED TAX 3 F,S
ACC 233 or cons dept chair req.
Study of concepts and issues associated with corporate, partnership, estate and gift taxation. Overview of tax research techniques also provided.

336 ADVANCED AUDITING 3 F,S
ACC maj only; ACC 235 req.
In-depth analysis of selected advanced topics in auditing, including professional auditing standards, planning, evidence, internal control, statistical sampling, EDP auditing, reporting, integrative audit case, operational auditing.

337 ADVANCED FINANCIAL ACCOUNTING 3 F,S
ACC maj only; ACC 232 req.
Specific emphasis on business combinations and consolidated financial statements. Other topics include partnership accounting, international operations, branch accounting, segment reporting and interim statements.

340 INTERNATIONAL ACCOUNTING 3 S
ACC 132 with grade of C or better req.
Examines (1) similarities and differences of accounting principles and procedures between the United States and other countries and efforts at standardizing accounting internationally, and (2) accounting for multinational entities, including consolidation of foreign subsidiaries, evaluation of investment projects, and performance evaluation of foreign operations.

362 ADVANCED BUSINESS SYSTEMS ANALYSIS 3 F,S
ACC 261; ACC 366 or 368 req.
The analysis, design, development, and implementation of a complete business information system. Directed project approach with formal presentations at the conclusion of each project phase.

363 ADVANCED ACCOUNTING INFORMATION SYSTEMS 3 F,S
ACC 260 with a grade of C or better and 263 req.
A study of advanced systems concepts ass they relate to the accounting profession. Selected topics may include the design, implementation and control of e-businesses, internal control design and evaluation, and behavioral implications of human-computer interaction.

366 ADVANCED BUSINESS DATA MANAGEMENT 3 F
ACC 266 with a grade of C or better or ITK 272 req. Not for cr if had ITK 372. Formerly ADVANCED BUSINESS DATA PROCESSING.
Advanced study in the development of computer processing techniques required for business information systems. Techniques are developed for both enterprise and desktop applications.

368 DEVELOPING BUSINESS APPLICATION SYSTEMS 3 F,S
ACC 260 and 261 req or conc reg req in 261. Not for cr if had ITK 306. Formerly DEVELOPING BUSINESS FUNCTION-BASED SYSTEMS.
Advanced study in the development of computer programs for business work-group and individual employee information systems. Students will design and develop a comprehensive application appropriate for a functional area of business using the approaches and tools of a consultant.

370 MANAGEMENT INFORMATION SYSTEMS 3 F
MS Office competency or ACC 167 and 168 or equiv req; MQM 220; MKT 230 and FIL 240 req; ACC 261 or equiv strongly rec.
Management Information systems with emphasis on the responsibilities of management in the creation, control, and utilization of information systems which support managerial decision making.

375 PROFESSIONAL PROBLEMS 3 S
2.80 overall GPA; 24 hrs of ACC req; ACC 330, 334, 336, 337, or cons dept chair req. Conc reg allowed for only 2 of ACC 330, 334, or 336. Conc reg in FIL 375 rec.
An intensive study of contemporary accounting problems with a strong orientation toward the preparation for the CPA and CMA examinations.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN ACCOUNTING 1-6 F,S
Sr standing; 2.80 GPA in ACC courses req; 2.80 overall GPA and cons Internship Director req.
On-the-job professional accounting or BIS experience with a sponsoring commercial firm or government organization.

FINANCE, INSURANCE AND LAW (FIL) 548

434 College of Business Building,
Phone: (309) 438-8777; Fax: (309) 438-3579
Web address: www.cob.ilstu.edu/fil

Chairperson: William L. Scott.
Tenured/Tenure-track Faculty:
Professors: Chang, Flanigan, Howe, Kang, MacMinn, McGuire, Mills, Naidu, Norton, Scott, Solberg, Trefzger, Varner.
Associate Professors: Bouriaux, Joaquin, Ma.
Assistant Professors: Ahlgrim, Bauer, Miles.

General Department Information

The Finance Major provides a knowledge base and skills appropriate for a wide variety of functional and managerial activities that require financial expertise. The financial world touches most organizations, profit or non-profit, which have activities involving banking, insurance, real estate, investments, managerial finance, budgeting, and international finance.

The Insurance Major provides skills and knowledge appropriate to a wide range of activities in the insurance and the financial services industries. Study of insurance and the financial service industries leads to careers in insurance companies, insurance agencies, financial services firms, reinsurers, regulation and a wide variety of firms allied with the industry. Careers in insurance include personal and business financial planning, underwriting, sales, sales management, employee benefits specialist, and insurer corporate operations and management. The Insurance Major-Business Information Systems (BIS) Sequence is particularly appropriate for students preparing for careers in computing within the insurance industry. Students must take 60 hours of instruction outside of the College of Business.

Academic Requirements:

All majors in the Department of Finance, Insurance and Law must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in courses in the Department.

Departmental Honors Program Requirements:

— Maintain a 3.30 overall Illinois State University GPA;
— Maintain a 3.50 major GPA;
— Complete 9 hours of approved FIL honors course work;
— Complete either FIL 370, Educational Investment Fund or FIL 299, Honors Independent Study;
— Fulfill the general requirements for participation in the University Honors Program.

Finance Program

Degree Offered: B.S.

MAJOR IN FINANCE

General Finance Sequence:

— 68 required hours including:
— Required courses (56 hours): BUS 100; ACC 131, 132, 270; FIL 185, 240, 241, 242, 341, 349; MKT 230; MQM 100, 220, 227, 385. In addition, ECO 105; ENG 145.13; and MAT 121 or 145 must be completed.
— Elective courses (12 hours): selected from FIL 246, 250, 260, 318, 340, 343, 344, 347, 353, 360, 370, 381, 398; ACC 231; ECO 239; or appropriate courses approved by the Departmental advisor.
— **NOTE:** Advising concentrations have been established to direct studies toward career specializations for Finance majors. Students are strongly urged to contact the departmental advisor for details.

MAJOR IN INSURANCE

General Insurance Sequence:

— 65 required hours including:
— Required courses (56 hours): BUS 100; ACC 131, 132, 270; FIL 185, 240, 250, 350, 352, 354; MKT 230; MQM 100, 220, 227, 385. In addition, ECO 105; ENG 145.13; and MAT 121 or 145 must be completed.
— 9 hours of electives chosen from: FIL 351, 353, 382, 398.10 or appropriate courses approved by the Departmental advisor.
— **NOTE:** FIL 398.10 is strongly recommended in addition to required courses.

Insurance-Business Information Systems (BIS) Sequence:

— 68 required hours, including:
— Required courses (68 hours) including: BUS 100; ACC 131, 132, 261, 270, 362, (266 and 366) or (260 and 368); FIL 185, 240, 250, 350, 352, 354; MKT 230; MQM 100, 220, 227, 385. In addition, ECO 105; ENG 145.13; and MAT 121 or 145 must be completed.

MINOR IN INSURANCE

— 18 hours required in FIL courses.
— Required courses: FIL 185, 240, 250, and three of the following courses: 350, 351, 352, 353, 354.
— **NOTE**: FIL 398.10 is strongly recommended in addition to required courses.
— **NOTE**: Non-Business majors are restricted to no more than 24 hours of business instruction.

Finance, Insurance and Law Courses

185 LEGAL, ETHICAL AND SOCIAL ENVIRONMENT OF BUSINESS 3 F,S
Soph standing req. ECO 105 or (101 and 102) or 103 req. Formerly FIL 208, LEGAL ENVIRONMENT OF BUSINESS. Not for cr if had FIL 208.
Emphasis on business ethics and corporate social responsibilities. Areas of concentration include contracts, torts, agency and business associations, government regulation of business, securities, labor, and employment law.

198.01 PROFESSIONAL PRACTICE: FINANCE/INSURANCE INTERNSHIP 1-6 F,S
Cons dept chair req.
On-the-job experience in finance or insurance arranged through the Department coordinator and completed under the supervision of a finance or insurance professional.

209 BUSINESS LAW I 3 F,S
FIL 185 or 208 with a grade of C or better req.
The law of contracts, agency, partnerships, and corporations.

211 BUSINESS LAW II 3 F,S
FIL 185 or 208 and 209 with a grade of C or better req.
The law of property, sales, secured transactions, commercial paper, trusts, wills, insurance, and bankruptcy.

240 BUSINESS FINANCE 3 F,S
Jr standing; MQM 100 (or ECO/GEO/POL/PSY 138); ACC 132 req; ECO 105 (or 101 and 102); MAT 120 or 121 or 145 req.
Principles and problems of planning and managing assets of business. Formulation, acquisition and utilization of funds and capital structure examined.

241 FINANCIAL MARKETS 3 F,S
FIL 240 with grade of C or better req. Bus maj only. Formerly FIL 218.
Participants, structure and functions of the major domestic and international financial markets

242 INVESTMENTS 3 F,S
FIL 240 with a grade of C or better req. Bus maj only.
A survey of investment media, concepts, and techniques to provide an understanding of the investment process in the economic and financial environment.

246 CORPORATE FINANCIAL STATEMENT ANALYSIS 3 F
FIL 240 with a grade of C or better req. Bus maj only.
Financial statement analysis and interpretation from the managers', investors', and creditors' perspectives. Proforma statements, heavy emphasis on spreadsheet use.

250 INTRODUCTION TO RISK AND INSURANCE 3 F,S
Jr standing req.
Fundamental issues of risk management and insurance in property, liability, life and health areas. Principles of marketing, underwriting, rate making and loss adjusting.

260 REAL ESTATE PRINCIPLES 3 F,S
Jr standing; FIL 240 with C or better req. Bus maj only.
Principles of real estate, including legal aspects of real estate, appraisal, investment, mortgage financing, home-ownership, and brokerage industry functions.

298 PROFESSIONAL PRACTICE: FINANCE INTERNSHIP/ COOPERATIVE EDUCATION 1-6 F,S
Jr standing and cons dept chair req.
Directed projects or experience related to the student's career interests in finance, arranged through the department coordinator and completed under the supervision of a business professional.

298.10 PROFESSIONAL PRACTICE: INSURANCE INTERNSHIP/ COOPERATIVE EDUCATION 1-6 F,S
Jr standing and cons dept chair req.
On-the-job experience in insurance arranged through the Department coordinator and completed under the supervision of an insurance professional.

311 GOVERNMENT REGULATION OF BUSINESS 3 F,S
FIL 185 with a grade of C or better req. Bus maj only.
Analysis of governmental legal and regulatory activity as it applies to business.

312 INTERNATIONAL BUSINESS LAW 3 F,S
FIL 185 with a grade of C or better req. Bus maj only.
Case study in international business law. Jurisdiction and application of foreign law, international regulation of economic activities, and issues of comparative law.

313 LABOR LAW 3 F,S
FIL 185 with a grade of C or better req. Bus maj only.
Laws regarding the labor-management relationship, the NLRA, Employment Discrimination, Unemployment Compensation, Social Security, Workers' Compensation and other regulations of employment.

318 MANAGEMENT OF FINANCIAL INSTITUTIONS 3 F,S
FIL 240 and 218 or 241 req with a grade of C or better. Bus maj only.
Financial institutions as business firms, with emphasis on depository institutions: industry structure, regulation, asset and liability management strategies.

340 SHORT-TERM FINANCIAL MANAGEMENT 3 F
FIL 240 with a grade of C or better req; FIL 218 or 241 or conc reg req. Bus maj only.
Analysis of working capital management; cash budgeting; financial analysis and planning; short-term financing decisions.

341 INTERMEDIATE BUSINESS FINANCE 3 F,S
FIL 240 with a grade of C or better req; FIL 218 or 241 or conc reg req. Bus maj only.
Theory and practice of capital management. Topics include evaluation of risks, determination of capital structures, measures of costs and returns, allocation of capital, financial planning and models, and a survey of working capital issues.

343 SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT 3 F,S
FIL 242 with a grade of C or better req. Bus maj only.
Characteristics of financial assets and markets; evaluation of securities; selecting and combining securities into portfolios; portfolio models and measurement of portfolio performance.

344 INTERNATIONAL FINANCIAL MANAGEMENT 3 F,S
FIL 240 with a grade of C or better req. Bus maj only.
Financial management of multinational corporations, including balance of payments, foreign exchange markets and international money and capital markets.

347 FINANCIAL FUTURES, OPTIONS AND SWAPS 3 F or S
FIL 242 with a grade of C or better or cons dept chair req. Bus maj only.
Evaluate financial futures, options and swap instruments and market characteristics; analyze pricing models, hedging and trading strategies, portfolio insurance; trading techniques.

349 ADVANCED FINANCIAL THEORY AND PROBLEMS 3 F,S
FIL 341 with a grade of C or better and additional 6 hrs Finance req. Finance maj only. Not for grad cr for MBA students.
An advanced coverage of financial theory and its applications to cases and problems; modeling and simulation.

350 PROPERTY INSURANCE 3 F,S
FIL 250 with a grade of C or better req.
Identify and measure property direct and indirect loss exposures and insurance coverages used to transfer such exposures.

351 LIFE AND HEALTH INSURANCE 3 F,S
FIL 250 with a grade of C or better req.
Personal and business risks. Principles of life and health insurance and their applications.

352 LIABILITY INSURANCE 3 F,S
FIL 250 with a grade of C or better req.
Identify and measure liability loss exposures and insurance coverages used to transfer such exposures, including concepts of negligence and liability.

353 FINANCIAL PLANNING 3 S
FIL 185 or208, 240 and 250 with a grade of C or better req. Business maj only.
Principles and concepts of integrated financial planning, including legal, tax and financial aspects, business planning, retirement planning, estate planning and the use of information technology.

354 RISK MANAGEMENT 3 F,S
FIL 350 and 352 with a grade of C or better req.
Management's role in treating non-speculative risks to which business is exposed. Emphasis on recognition, evaluation, and treatment of risks.

360 REAL ESTATE INVESTMENT AND FINANCE 3 S
FIL 260 with a grade of C or better req. Bus maj only.
Decision-making analysis in real estate investment and financing. Emphasis on financial leverage, cash-flow analysis, taxation, risk, mortgages.

370 EDUCATIONAL INVESTMENT FUND 4 F,S
FIL 242 and cons dept chair req.
Management of real-money investment funds. Application of investment theory to an actual portfolio, including development and presentation of recommendations to board of investment professionals.

375 LAW FOR ACCOUNTANTS 3 F,S
24 hrs of ACC; FIL 185 or 208 with a grade of C or better req.
Accountants' legal responsibilities, anti-trust, bankruptcy, federal securities regulation, insurance, regulation of employer and employee relationships, secured transactions, suretyship, and other topics for the professional accountant.

380 SEMINAR IN THE LEGAL ENVIRONMENT OF BUSINESS 3 F,S
Cons dept chair req. May repeat with cons dept chair.
Selected topics in law and its relationship to business. Topics may include new developments in public and private law as it relates to business persons.

381 SEMINAR IN FINANCE 1-4 F,S
Cons dept chair req. May repeat with cons dept chair.
Selected topics in finance. Topics may include new developments in the field as they relate to business people and industry.

382 SEMINAR IN INSURANCE 1-4 F,S
Cons dept chair req. May repeat with cons dept chair.
Selected topics in Insurance. Topics may include new developments in the field as they relate to business, industry, and consumer.

398 PROFESSIONAL PRACTICE: FINANCE INTERNSHIP 1-12 F,S
Sr standing; 3.00 overall GPA or cons dept chair req. Usually no more than 3 hrs cr awarded for 1-sem work assignment.
Directed projects or administrative experience related to the student's career interests, arranged through the department coordinator and completed under the supervision of a business professional.

398.10 PROFESSIONAL PRACTICE: INSURANCE INTERNSHIP 1-12 F,S
FIL 250 req; 3.00 overall GPA or cons dept chair. On-the-job experience in insurance arranged through the department coordinator and completed under the supervision of an insurance professional.

MANAGEMENT AND QUANTITATIVE METHODS (MQM) 558

College of Business Building 250, (309) 438-5701
Web address: www.cob.ilstu.edu/mqm/

Chairperson: John Lust.
Tenured/Tenure-track Faculty:
Professors: Devinatz, Dumler, Fazel-Sarjui, Graeff, Graf, Hemmasi, Howard, Lust, Mohammed, Newgren, Palmer, Radhakrishnan, Robinson, Salegna, Varner.
Associate Professors: Balasubramanium,Bantham, Downes, Fitzgibbons, Ringer, Russ.
Assistant Professors: Foreman, Hoelscher, Schjoedt, Sheep.

General Department Information

The Management Major offers programs to students interested in professional management careers in business, industry, or government. Three sequences allow students to concentrate on skills needed by general managers (Organizational Leadership), specialists in personnel and human resources (Human Resource Management), or by those interested in careers in or starting their own small business (Entrepreneurship and Small Business Management).

Academic Requirements:

All majors in the Department of Management and Quantitative Methods must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including a specified number of hours, to enroll in courses in the Department.

Management and Quantitative Methods Programs

Degree Offered: B.S.

MAJOR IN MANAGEMENT

- 65 required hours including 44 hours in required core and non-business courses and 21 hours in a required MQM major sequence.
- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- At least 24 of the required hours at the 200- and 300-level must be taken in residence at Illinois State University.
- The senior year's work must be taken in residence at Illinois State University.

One of the following major sequences must be completed.

Entrepreneurship and Small Business Management Sequence:

- 44 hours of required core and non-business courses: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Required sequence courses (12 hours): MQM 221, 225, 226, 326.
- Elective sequence courses (9 hours): INB 190; MQM 323, 335, 340, or MQM 287 or 398.
- **NOTE:** Only one of MQM 287 or 398 will count towards major.

Human Resource Management Sequence:

- 44 hours of required core and non-business courses: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Required courses (15 hours): MQM 221, 323, 324, 352, 354.
- 6 additional hours selected from MQM 350 or INB 245 or 398; MQM 340, 355, 356, 357, 383, or related course with consent of Department Chairperson. Example of related 3-hour courses include: ECO 225, 326, 327; FIL 313; PSY 375 and SOC 255.
- **NOTE:** Only one of INB 245 or MQM 398.01 will count towards major.

Organizational Leadership Sequence:

- 44 hours of required core and non-business courses: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Required courses (15 hours): MQM 221, 380, 382, 383, 384.
- 6 hours selected from: MQM 215, 225, 323, 335, 340 398, 350 or INB 245 or MQM 398.
- **NOTE:** Only one of INB 245 or MQM 287 or 398 will count towards major.

MINOR IN ORGANIZATIONAL LEADERSHIP

— 19 hours in required courses.
— Required courses: ECO 105; MQM 220, 221, 380, 382, and one of the following: MQM 383, 384 or 340.
— **NOTE:** The Minor in Organizational Leadership is not available to majors outside the College of Business.

Business Administration Programs

Degree Offered: B.S.

MAJOR IN BUSINESS ADMINISTRATION

— 68 required hours including 44 hours in required core and non-business courses and 24 hours of major course work.
— The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
— In addition to business core courses, the Business Administration major must select 24 hours of major course work from the options below:
— Required courses (18 hours):ACC 230, 255; FIL 242; MKT 232; MQM 221, 335.
— 3 additional hours from: ACC 340; FIL 312, 344; MKT 350 or MQM 349, 350.
— 3 additional hours (one course) at the 300-level within the College of Business.

MINOR IN BUSINESS ADMINISTRATION

— Required courses: MAT 120 or 144 (MAT 104 competence req); ACC 131, 132; ECO 105; FIL 185, 240; MKT 230; MQM 100 (or ECO/GEO/POL/PSY 138); MQM 220.
— NOTE: The Business Administration minors are required to show proficiency in the usage of electronic spreadsheets (MS Office Excel), presentation software, and Web page construction by coursework (ACC 167 and ACC 168; ACC 166; or equivalent) or by passing the College-administered competency exams in these areas.
— **NOTE**: The Business Administration Minor is not available to majors in the College of Business.

DEPARTMENTAL HONORS IN MANAGEMENT AND QUANTITATIVE METHODS

Requirements for Admission:

The student must:

1. Be a fulltime student at Illinois State University;
2. Be a declared major in Management and Quantitative Methods;
3. Have a minimum cumulative GPA of 3.30 and at least 3.50 in his or her major (on a 4.00 scale);
4. Complete an interview with the Management and Quantitative Methods Departmental Honors Program Coordinator;
5. Apply and be accepted into the University Honors Program and submit an application for Departmental Honors to the Management and Quantitative Methods Program Coordinator.

Requirements for Successful Completion of the Program:

1. Completion of all requirements for the major in MQM.
2. Minimum overall GPA of 3.30 at graduation with at least 3.50 GPA in the MQM major.
3. Completion of 12 semester hours of Honors work in the MQM major, including:
   a. 3 semester hours of MQM 220 (Honors section);
   b. 6 semester hours of either in-course Honors in any 200- or 300-level MQM course or Honors Undergraduate Research Participation (IDS 285 or 286);
      1). **In-Course Honors:** The student may obtain an In-Course Honors contract in the Honors Office. A proposition to modify normal course requirements such that the proposed changes will permit demonstration of exceptional achievement shall be recorded on the In-Course Honors contract by the student and the professor. The proposal must be agreed to by the professor and returned to the Honors Office within the first 10 days of class.
      2). **Undergraduate Research Participation:** Students may earn 1-3 hours of Honors credit by working with a Mangement an d Quantitative Methods professor on a faculty research project. Possible projects are listed in a URP notebook in the Honors Office as well as on the bulletin board just inside the Honors Office front door. Students may also approach a professor about working on a project for URP credit.
   c. 3 semester hours of Honors Independent Study in MQM (MQM 299).

Benefits of Departmental Honors:

Students who complete the program will have Departmental Honors designation placed on both their transcript and diploma. Students in the MQM Departmental Honors Program are eligible for Honors early registration and special advisement opportunities in the MQM department.

For more information about joining the Honors Program, please make an appointment with an Honors advisor by calling (309) 438-2559.

Management and Quantitative Methods Courses

100 STATISTICAL REASONING
MC-QR 3 F,S,Summer
MAT 111, 120, or 145 req. Not for cr if had ECO 131, ECO/GEO/POL/PSY 138. May not be taken under the CT/NC option.
Application of statistical concepts to decision problems confronting organizations and individuals. Includes descriptive tools, probability concepts, sampling processes, statistical inference, regression, and nonparametric procedures. Includes computer applications.

215 INTRODUCTION TO MANAGEMENT SCIENCE MODELS 3 F,S
MQM 100 or ECO/GEO/POL/PSY 138; MAT 121 or 145 req. Not for cr if had MQM 301 prior to spring 1979.
Provides a basic understanding of the formulation and application of quantitative models in managerial decision-making. General topics include: linear programming, dynamic programming, networks, and simulation.

220 BUSINESS ORGANIZATION AND MANAGEMENT 3 F,S,Summer
ECO 101 or 103 or 105; Jr standing req.
Organization theories and the role of managers as leaders. Planning and control systems, decision-making, and human considerations.

221 ORGANIZATIONAL BEHAVIOR AND ADMINISTRATION 3 F,S
MQM 220 with a grade of C or better req. Not for cr if had PSY 376.
Organization analysis focusing on motivation, perception, communication, coordination, and change. Administrative problems examined by theories of individual and group behavior.

225 INTRODUCTION TO SMALL BUSINESS 3 F,S
MQM 220 with a grade of C or better req.
A study of small businesses and owner-management. Includes strategic and operational planning, ethical issues, organizational controls, marketing management and techniques, financial analysis and accounting, risk management, securing growth capital, and human resource management.

226 SMALL BUSINESS ENTREPRENEURSHIP 3 F,S
MQM 220 with a grade of C or better req.
How to start a business, with emphasis on the assessment of business opportunities and on the development of operating plans. A sophisticated business plan is developed within task groups from concept through all elements of a professionally written business plan.

227 OPERATIONS MANAGEMENT 3 F,S, Summer
MS Office competency or ACC 167 and 168 or equiv req. ACC 132; ECO 105 (or ECO 101 and 102); MAT 120; MQM 100 (or ECO/GEO/POL/PSY 138) req. Formerly PRODUCTION MANAGEMENT.
Issues related to managing the processes by which organizations transform resources into quality goods and services. Topics include operations strategy, project management, quality management, and inventory management.

240 ADVANCED BUSINESS COMMUNICATION 3 F,S
ENG 101 or equiv req. Not for cr if had BEA 240.
Report writing techniques; use, form, and structure of different types of business reports.

298.01 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MANAGEMENT 1-6 F,S
Jr standing req.
Internship experiences in general management, human resource management, production/operations management or management information systems, arranged through the department coordinator.

323 HUMAN RESOURCES MANAGEMENT 3 F,S
MQM 220 with a grade of C or better req.
Principles and procedures relating to human resources management, including staffing, appraisal, training, compensation, and other programs for business and other organizations.

324 INDUSTRIAL RELATIONS MANAGEMENT 3 F,S
MQM 220 with a grade of C or better req.
Managing employment relations and work conditions. Emphasis on negotiating, administering labor agreements, and impact of collective bargaining on managerial practice.

326 SMALL BUSINESS FIELD STUDIES 3 F,S
Sr standing and 2.00 GPA req.
Field program designed to familiarize the student with the problems of small business owners and/or operators. The student acquires firsthand knowledge and experience by dealing with on-going businesses.

328 ENTREPRENEURSHIP AND THE ARTS I 3 F
Jr standing and CFA maj req. Formerly MQM 289.01.
The course examines entrepreneurship within the context of the fine arts and provides an overview of topics such as understanding financial statements, analyzing market opportunities, and understanding the legal environment. It culminates in a feasibility study for a new business.

329 ENTREPRENEURSHIP AND THE ARTS II 3 S
MQM 328 or cons inst req. Formerly MQM 340.08.
The course expands on the background gained in MQM 328 and focuses on activities necessary to become a successful entrepreneur in the context of the fine arts. It culminates in development of a comprehensive business plan.

335 QUALITY CONTROL MANAGEMENT 3 F
MQM 227 or cons inst req.
Introduces the basic concepts and models used in quality management. Emphasis is placed on the organizational and behavioral dimensions of a quality management program.

337 SERVICE OPERATIONS 3 S
MQM 227 and MAT 121 req.
Issues related to managing operations in the service sector. Topics include the planning, organization, and control of service operations.

340 SEMINAR IN MANAGEMENT 3 F,S
MQM 221 req. May be repeated once if topic different.
Specialized study of a selected topic in the field of management for advanced students.

341 CORPORATE COMMUNICATION 3 F,S
MQM 220 with a grade of C or better and ENG 145.13 or MQM 240 req.
Communications unique to professional employment; emphasis on research and writing skills for effective communication.

349 BUSINESS IN A MULTICULTURAL ENVIRONMENT 3 F,S
Business operations in a multicultural environment. Relationship between the business process and social attitudes, values, ideologies, and customs with special emphasis on Asia, Latin America, and the Middle East.

350 INTERNATIONAL MANAGEMENT 3 F
MQM 220 with a grade of C or better req.
Managerial decision making for planning, organizing, and controlling the functions, operations, and resources of multinational corporations.

352 RECRUITMENT AND SELECTION 3 F,S
MQM 323 req.
Advanced course focusing on the relationship between recruitment and selection activities and their impact on other human resource functions and organizational performance.

354 COMPENSATION MANAGEMENT 3 F,S
MQM 323 req.
Compensation subsystem as a vital component in establishing a workplace system that stimulates employee performance.

355 EMPLOYEE APPRAISAL AND CAREER DEVELOPMENT 3 F
MQM 323 req.
Advanced course focusing on assessment of employer and employee development needs, career development programs, employee development, program evaluation, and performance appraisal.

356 FOUNDATIONS OF HUMAN RESOURCE DEVELOPMENT 3 F
Examines theoretical foundations of human resource development and includes employee orientation, technical training, career development, management development, and diversity training.

357 PROGRAM DESIGN AND DEVELOPMENT IN HUMAN RESOURCE DEVELOPMENT 3 S
Focuses on methods, materials, and technology applied to the design, selection, and implementation of training programs for business and non-profit organizations.

380 LEADERSHIP: TEAMS AND TEAM DEVELOPMENT 3 S
MQM 221 or conc reg req. Formerly TEAMS AND TEAM DEVELOPMENT.
The critical issues in groups and teams are examined within organizational settings. Emphasis is on work teams in organizations and the issues of effectiveness, performance, and conflict.

382 ORGANIZATIONAL LEADERSHIP 3 S
MQM 221 or conc reg req.
Emphasis is on leadership and motivation as directive functions of management that are instrumental for achieving high quality performance and organization member satisfaction. Techniques for enhancing one's individual leadership skills are utilized.

383 LEADING ORGANIZATIONAL CHANGE 3 F
MQM 221 or conc reg req. Formerly ORGANIZATIONAL CHANGE AND DIVERSITY.
Critical issues in organizational change including power, culture, change strategies, and resistance to change are examined and applied to diversity in the organization and its markets.

384 LEADERSHIP: DECISION MAKING AND PLANNING 3 F
MQM 221 or conc reg req. Formerly MANAGERIAL PLANNING AND DECISION MAKING.
A consideration of managerial decision making in organizations. Specific emphasis on strategic, program, and operational level planning decisions, techniques, and systems.

385 ORGANIZATIONAL STRATEGY 3 F,S,Summer
ACC 166 or ACC 270; MQM 220, 227; FIL 185, 240; MKT 230, all with grades of C or better req. Sr standing req. Bus maj only. Formerly PROBLEMS IN BUSINESS.
Integration of the decision-making processes involved in each of the major functional areas of business.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP IN MANAGEMENT 1-6 F,S, Summer
Primarily for jr/sr Management majors with at least 90 hrs. Experience in general management, human resource management, entrepreneurship/small business, or quality and operations management req. Students qualifying for this internship experience can receive letter-grade cr hrs of which 3 hrs can be counted toward the Management Major. See Dept coord for info.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN BUSINESS ADMINISTRATION 1-6 F,S, Summer
Primarily for jr/sr BUA majors with at least 90 hrs. Students qualifying for this internship experience can receive letter-grade cr hrs, of which 3 hrs can be counted toward the BUA Major. See Dept coord for info.

398.03 PROFESSIONAL PRACTICE: INTERNSHIP IN MANAGEMENT 1-6 F,S, Summer
Primarily for jr/sr Management majors with at least 90 hrs. Experience in general management, human resource management, entrepreneurship/small business, or quality and operations management req. Students qualifying for this internship experience will receive CR/NC hrs only, of which 3 hrs can be counted toward the Management Major. See Dept coord for info.

398.04 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN BUSINESS ADMINISTRATION 1-6 F,S, Summer
Primarily for jr/sr BUA majors with at least 90 hrs. Students qualifying for this internship experience will receive CR/NC hrs only, of which 3 hrs can be counted toward the BUA Major. See Dept coord for info.

International Business (INB) 546

Degrees Offered: B.A., B.S.

The Baccalaureate program in International Business is designed to provide a specialized curriculum for students interested in business who wish to prepare themselves for international careers within multinational corporations. This interdisciplinary program, administered by the Department of Management and Quantitative Methods, combines course work in general and international business, foreign language, and area studies. Through a concentration or sequence in a business area, the program provides a combination of international business and functional area of business. The student can choose from two international business tracks. The required international business courses provide solid exposure to the unique dynamics of international business. Area studies and foreign language requirements further enhance the students' international experience. Study abroad experiences are an essential element of the international business program. It is strongly recommended that every international business major participate in a study abroad program or complete an international internship.

The International Business program is divided into a common business core applicable to all business students, the International Business core, a concentration or sequence in a functional area, the Foreign Language requirement, and area studies requirements. Sixty hours of course work must be taken outside of the College of Business.

MAJOR IN INTERNATIONAL BUSINESS

— 62 required hours including 44 hours in required core, 18 hours in International Business major required and elective courses.
— The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
— 18 hours of International Business coursework from one of two tracks.

Track one:

—Required courses (15 hours): FIL 312; INB 190; MKT 350; MQM 349, 350.

—Elective hours (3 hours): Select one of the following courses: ACC 340; ECO 245; FIL 344; INB 245, 398.

Track two:

—Required courses (15 hours): ACC 340; FIL 312, 344; INB 190; MQM 349.

—Elective hours (3 hours): Select one of the following courses: ECO 245; MKT 350; MQM 350; INB 245, 398.

— Business Functional Area Requirement (9 hours): All students must take a 9 hour concentration in a functional area of business: Accounting, Business Information Systems, Finance, Insurance, Management, and Marketing.
— Foreign Language requirement (6-8 hours): All Students must take two language courses at least through the 116-level, regardless of proficiency (proficiency credit may not be used towards the major).
— Area Studies requirement: two courses (6 hours) from Foreign Languages, Geography, History, Interdisciplinary Studies, or Politics and Government. Consult with the advisor for a list of approved courses. The area studies courses must support the foreign language.

MINOR IN INTERNATIONAL BUSINESS

A minor in International Business is only available to students who major in the College of Business.

— 22 hours required.
— 12 hours to be chosen from ACC 340; FIL 312, 344; INB 190, 245; MKT 350; MQM 349, 350.
— 4 hours required in Foreign Language at least through the 115-level.
— 6 hours of area studies electives from Geography, History, Politics and Government, or Interdisciplinary Studies. Consult with advisor for specific courses.

BUSINESS STUDY ABROAD

The College of Business has partner institutions in England, France, Germany, Japan, and Mexico. Additional partnerships are under development. The College sponsors both summer study abroad programs and semester programs. In addition, the University sponsors summer and semester programs to a variety of countries. Students should plan for an international program early in their studies and consult with the International Business advisor for the transfer of credits earned abroad.

The summer studies abroad programs are conducted in English or the language of the respective country at the partner universities. Check with the advisor for details. For these programs, students earn 6 credits for 2 courses (IDS 133, Interdisciplinary Study Abroad and INB 245, Business Studies Abroad). The semester programs offer courses in English and the language of the country. The student should see the advisor for the articulation of specific courses.

The College's partner universities are:

The University of the West of England
Bristol, England (summer program)

The University of Paderborn
Paderborn, Germany (semester program)

Ecole Superieure des Sciences Commerciales d'Angers
Angers, France (summer and semester program)

ESIDEC/ICN, Metz, France (summer program)

International Center Chuo University
Tokyo, Japan (summer program)

Institutio Technologico de Estudios Superiores de Monterrey (ITESM) Queretaro, Mexico (summer program)

International Business Courses

190 INTRODUCTION TO INTERNATIONAL BUSINESS 3 F,S
ECO 101 or 102 or 103 or 105 req.
Provides basic knowledge of theory and practice in International Business; lays the foundation for specialized upper-division courses in International Business.

245 BUSINESS STUDY ABROAD up to 6 hours Summer
Jr standing; cons coord req. 3 hours may count as major elective in the areas the following programs: Business Administration, Finance, Insurance, International Business, Management, and Marketing.
Encompasses any studies related to College of Business Summer Studies Abroad.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP IN INTERNATIONAL BUSINESS 1-6 F,S,Summer
Primarily for jr/sr International Business majors with at least 90 hrs. On-the-job experience in international business. Students qualifying for the internship experience can receive up to 6 cr hrs of which 3 can be counted towards a major elective.

MARKETING (MKT) 559

352 College of Business Building, (309) 438-7261
FAX (309) 438-3508
Web address: www.cob.ilstu.edu/marketing/

Chairperson: Timothy Longfellow.
Tenured/Tenure-track Faculty:
Professors: Attaway, Cox, Goodwin, Showers, Singley, Slama, Taylor, Williams.
Associate Professors: Goebel, Humphreys, Longfellow.
Assistant Professors: Bailey, Bakir, Beggs, Hunter, Ishida, Kaufman, Wallace.

General Department Information

The Marketing Department offers and administers two degree programs: Marketing and Business Teacher Education.

Academic Requirements:

All students with majors offered by the Department of Marketing must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in courses in the Department.

Marketing Program

Degree Offered: B.S. in Marketing

Marketing is a flexible degree that qualifies graduates for a variety of leadership positions in the selling, distribution, pricing, and advertising of goods and services for both profit and non-profit organizations.

MAJOR IN MARKETING

- 68 required hours including 44 hours in required core and non-business courses and 24 hours in Marketing major required and elective courses.
- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Marketing major required courses (9 hours): MKT 231, 232, 338.
- Marketing major elective courses: (15 hours selected from): MKT 233, 234, 329, 310, 311, 324, 325, 326, 329, 331, 332, 333, 334, 335, 337, 339, 350, 398.01, 398.03, 398.04. NOTE: Up to 3 hours of MKT 287, and 398.01 may be counted as part of the 12 hours listed above.
- The senior year's work (last 30 hours) must be completed in residence at Illinois State University.

Students may choose to major with a general Marketing degree or specialize in one of the following sequences:

Integrated Marketing Communication Sequence:

- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Marketing major required courses (9 hours): MKT 231, 232, 338.
- Required sequence courses: MKT 233, 333.
- Integrated Marketing Communication elective courses: (9 hours selected from): MKT 234, 331, 332, 339.09, 398.04. Students can count one of the following three Communication classes: COM 111, 202, 227; NOTE: Up to 3 hours of MKT 287, and 398.04 may be counted as part of the 9 hours listed above.
- The senior year's work (last 30 hours) must be completed in residence at Illinois State University.

Professional Sales Sequence:

- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145.13; MAT 121 or 145.
- Marketing major required courses (9 hours): MKT 231, 232, 338.
- Required sequence courses: MKT 234, 334.
- Professional Sales sequence elective courses: (9 hours selected from): MKT 311, 324, 325, 326, 329, 335, 398.03. Up to 3 hours of MKT 287, and 398.03 may be counted as part of the 9 hours listed above.
- The senior year's work (last 30 hours) must be completed in residence at Illinois State University.

Marketing Courses

230 INTRODUCTION TO MARKETING MANAGEMENT 3 F,S
ECO 105 or (101 and 102) or 103 req.
A managerial approach to the study of such key decision areas as advertising, distribution, pricing and product development as well as other concepts and activities that facilitate exchange and build relationships between buyers and sellers in the environments of business and nonbusiness organizations.

231 BUYER BEHAVIOR 3 F,S
MKT 230 with a grade of C or better req.
Theory and research on explaining and predicting consumer and organizational buying behavior. Course examines concepts that have implications for marketing management decisions.

232 MARKETING RESEARCH 3 F,S
MQM 100 (or ECO/GEO/POL/PSY 138) and MKT 230, both with a grade of C or better req.
Examines marketing research methods and techniques used in the collection and interpretation of primary and secondary data. Hands-on experience is gained through participation in one or more research projects.

233 FOUNDATIONS OF INTEGRATED MARKETING COMMUNICATION 3 F,S
MKT 230 with a grade of C or better req. Formerly ADVERTISING.
Provides an introduction to and foundation for integrated marketing communication (IMC). Coverage will include brand strategy, management, and measurement, overview of promotional mix tools, and secondary research tools for situation analysis as the foundation for IMC planning.

234 PERSONAL SELLING AND RELATIONSHIP MARKETING 3 F,S
AGR 214 or MKT 230 with a grade of C or better req. Materials charge optional.
Presents personal selling as a professional marketing activity; coverage of effective selling methods. Application of selling theories to the modern marketing concept. In-class presentations and role playing exercises are typical. Interactive Learning Systems Technology is used in all sections.

298 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING 1-6 F,S,Summer
Jr standing req. Primarily for students with less than 89 hrs earned. Does not count toward the MKT Major. CR/NC only. See dept chair for info and cons.

310 MARKETING LOGISTICS AND SUPPLY CHAIN MANAGEMENT 3 F
MKT 230, 231, 232 req. Not for cr if had MKT 339.01.
Analysis and development of integrated physical distribution systems: applications of quantitative methods for regarding movement and storage of raw materials and finished goods.

311 MARKETING AND SALES FORECASTING 3 S
MKT 230, 231, 232, or conc reg req. Not for cr if had MKT 339.02.
The role of forecasting in marketing decision making, and the systematic steps involved in conducting a forecasting project.

324 ADVANCED PROFESSIONAL SELLING AND NEGOTIATIONS 3 F,S
MKT 230, 234 req. Not for cr if had MKT 339.08. Materials charge optional.
Course is designed to enhance the student's ability and confidence to effectively negotiate win-win solutions through highly experiential and real world-based projects.

325 KEY ACCOUNT AND RELATIONSHIP MANAGEMENT 3 F,S
MKT 230, 234 req. Not for cr if had MKT 337. Materials charge optional.
The course focuses on major account management, the supply chain; purchasing units; segmentation and targeting organizational markets; team selling and management.

326 PROFESSIONAL SALES PLANNING AND ANALYSIS 3 F,S
MKT 234 req. Materials charge optional.
Course involves analyzing territory market potential, developing call schedules, territory routing routines, and account goals, managing sales budgets, and sales person job shadowing.

329 PURCHASING POLICIES AND PROCEDURES 3 F or S
MKT 230 with a grade of C or better req.
Purchase of materials, supplies, and equipment for industry, government, and other institutions. Organization for purchasing, internal requisitioning, and stock control. Significant case analysis is typical.

331 SUPPORT STRATEGIES FOR IMC 3 F,S
MKT 230, 231, 232, 233 req.
Provides in-depth coverage of areas that are briefly discussed in MKT 233. Focus on the integration of support strategies into campaigns.

332 IMC CREATIVE STRATEGY AND DESIGN 3 F,S
MKT 230, 231, 232, 233 req.
Provides an overview of the creative strategy development process within an integrated marketing communication (IMC) framework. Includes detailed coverage and application of elements and principles of creative strategy and design.

333 INTEGRATED MARKETING COMMUNICATION 3 F,S
MKT 231, 232, 233 req. Formerly ADVERTISING MANAGEMENT.
This course is designed to overview and experience the integrated marketing communication (IMC) planning process through a client project. In addition to exploring the IMC or promotional strategy planning process, within a marketing strategy framework in class sessions, students will gain experience in developing an IMC plan based on a thorough market/situation analysis for real clients.

334 SALES MANAGEMENT 3 S
MKT 234 req.
Theory, principles, and practices of sales force administration for manufacturing, wholesaling, and service enterprises. Topics include recruiting, training, compensation, and performance appraisal. Computer simulation gaming is typical.

335 RETAILING MANAGEMENT AND PROMOTION 3 F,S
MKT 230 with a grade of C or better req.
Management and operation of retail firms. Emphasis on location analysis, pricing, inventory control, merchandising and promotion. Experiential assignments are typical.

338 STRATEGIC MARKETING MANAGEMENT 3 F,S
MKT 231 and 232 req.
Development, implementation, and control of the marketing plan. Short and long-run perspectives are considered equally important. Includes analysis of actual and hypothetical cases. Computer simulation gaming is typical.

C O B

339 SEMINAR IN MARKETING 3 F,S
MKT 231, 232 or cons dept chair req. May be repeated once if topic and inst different.
A specialized study of important, narrow areas in the field of marketing for advanced students. Recent topics include direct marketing, logistics/physical distribution, sales/market forecasting, advanced marketing research, advanced professional selling, and services marketing. Computer simulation gaming is typical.

350 INTERNATIONAL MARKETING 3 F,S
MKT 230 with a grade of C or better req. Formerly MKT 238.
Understanding the global marketing environment and developing marketing strategies across national boundaries. The political, economic, and cultural variables which influence such strategies are identified. Recent cross-cultural research and real world cases clarify concepts and their application.

398.01 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING 1-6 F,S,Summer
Jr standing req. Primarily for students with at least 89 hrs earned. Those qualifying for this internship/coop experience can receive letter-grade cr, and up to 3 cr hrs can possibly be counted toward the MKT Major. See dept chair for info and cons.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING 1-6 F,S,Summer
Primarily for students with at least 89 hrs earned. Those qualifying for this internship/coop experience will receive CR/NC hrs only, none of which can be counted toward the MKT Major. See dept chair for info and cons.

398.03 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN PROFESSIONAL SALES 1-3 F,S,Summer
Jr standing req. Primarily for students with a least 89 hrs earned. Those qualifying for this internship/coop experience can receive letter-grade cr, and up to 3 cr hrs can possibly be counted toward the MKT Major. See dept chair for info and cons.

398.04 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN INTEGRATED MARKETING COMMUNICATION 1-3 F,S,Summer
Jr standing req. Primarily for students with a least 89 hrs earned. Those qualifying for this internship/coop experience can receive letter-grade cr, and up to 3 cr hrs can possibly be continued toward the MKT Major. See dept chair for info and cons.

BUSINESS TEACHER EDUCATION (BTE) 556

General Information

The Business Teacher Education program focuses on developing business, marketing and computer educators through the pursuit of Illinois State University's conceptual framework for teacher education: "Realizing the Democratic Ideal." The BTE program prepares students for teacher certification requirements for the State of Illinois by embracing state and national teacher education standards established by the Illinois State Board of Education (ISBE), National Council for Accreditation of Teacher Education (NCATE), International Society for Technology in Education (ISTE), and National Association of Business Teacher Education (NABTE) This program prepares graduates for secondary teaching positions as well as elementary and middle school level positions (special K-12 certification).

Students should note that:

1. Business Teacher Education majors must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in Business Teacher Education courses.
2. At least 60 hours of credit toward the bachelor's degree must be taken outside the College of Business and in subject areas other than business.
3. Majors in the Business Teacher Education program must earn and maintain a 2.50 GPA for Admission to Professional Studies (see University-Wide Teacher Education program requirements in the College of Education section of this *Undergraduate Catalog* for further information). Also, Business Teacher Education majors must have a minimum GPA of 2.50 in the major and at ISU in order to be eligible to student teach.
4. For the Business Teacher Education program, minimum Pre-Clinical Experiences totaling 100 clock hours shall be completed prior to student teaching. Several Business Teacher Education and College of Education courses include Pre-Clinical Experiences.
5. Students shall plan programs in consultation with an advisor.
6. The BTE program is a performance-based program (PBA) that requires students to attend two program meetings (one each in fall and spring semesters) to

receive updates and complete assessments. In the BTE PBA system, students pass over five (5) thresholds to complete the program. In addition to regular course work and campus-wide teacher education performance assessments, BTE students complete interviews, essays, check sheets, attend college colloquia, and prepare a summative program portfolio. See the BTE coordinator and/or advisor for further details.

7. Students desiring the cooperative career and technical vocational education endorsement are required to complete BTE 380 and 382 and have 2,000 hours of non-teaching work experience in the business area.

Business Teacher Education Programs (BTE)

Degrees Offered: B.A., B.S., B.S. in Ed.

MAJOR IN BUSINESS TEACHER EDUCATION

Business Teacher Education includes: (1) a study of the concepts and properties in modern business environments, including accounting, business law, information processing, telecommunications, quantitative analysis, management, marketing and finance; (2) the development of cognitive, psychomotor, and affective skills in the content areas (listed above in 1) related to the use of tools, materials, processes, recourses, technologies, principles, and products as well as their impact on society; and (3) the professional competencies of planning, implementing and evaluating instruction. The program is based upon Illinois State University's institutional standards as reflected in the conceptual framework for Teacher Education. Furthermore the BTE program embraces the Illinois State University conceptual framework by addressing standards developed by the ISBE (Illinois Professional Teaching Standards, Illinois Business, Marketing, and Computer Education Content Standards, Illinois Core Language Arts Standards, Illinois Core Special Education Standards for all teachers and Core Technology Standards for all teachers). These standards were established by the agencies and professional organizations listed above.

The BTE program, through the following requirements, is part of the entitlement program leading to the type 10 certificate, K-12 Specialist in Business Education. Initial employment opportunities include elementary, middle level and junior high level business and computer instruction/technology coordination; high school business, marketing and computer teacher/coordinator; school/district computer teacher; community college/technical college instructor; and business/industry trainer/instructor.

Student Teaching comprises a full semester experience with approximately 6 weeks in an elementary and/or middle level setting (5 semester hours) and approximately 10 weeks in a secondary level setting (7 semester hours). Prior to student teaching students complete at least 100 pre-clinical hours of field experience with a minimum of 30 in elementary/middle level and 70 in secondary settings. See, also, University-Wide Teacher Education program requirements and Professional Studies Admission sections of this *Undergraduate Catalog* for further requirements.

Required courses:

- 125 total semester hours required:
- Professional Education (26 hours): C&I 212, 214, 216; EAF 228 or 231 or 235; Student Teaching.
- Courses outside of major (44 hours) required: COM 110; ECO 105; ENG 101; MAT 120 or 144; PSY 110; Inner Core: Natural Science (6 hours); Middle Core: Language in the Humanities, U.S. Traditions, Individuals and Civic Life; Outer Core: Humanities, Science/Math/Technology, Fine Arts, Social Science.
- Business courses (27 hours) required: ACC 131, 132, 270; BUS 100; FIL 185, 240; MKT 230; MQM 100, 220.
- BTE courses (28 hours) required: BTE 110, 140, 199, 225, 260, 322, 330, 354, 362, 363, 364.
- Optional Business Computer Programming Specialization (6 hours): TEC 243 and either ACC 266 or TEC 151.

The Business Teacher Education graduate is prepared to teach the following subjects: basic business, introduction to business, accounting, record keeping, business law, information processing keyboarding, computer applications, consumer economics/education, marketing, entrepreneurship, business communications, and subjects with similar titles.

The work-based learning teacher/coordinator specialization is available for teachers with a career and technical education degree and special education teachers by completing BTE 380 and 382 and proof of 2,000 hours of employment experience in the occupational specialty to be taught.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching clinical experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Business Teacher Education Courses

All of the following Business Teacher Education (BTE) courses were formerly Business Education and Administration (BEA) courses.

110 INPUT TECHNOLOGIES AND ADVANCED DOCUMENT CREATION 3 F,S
Ability to use word processing software and touch keyboard at 40 wpm. Not for cr if had BTE 108
Advanced skills and concepts related to speech recognition, handwriting recognition, scanners, digital cameras, webpage design, desktop publishing, and word processing.

140 BUSINESS COMMUNICATION 3 F,S
ENG 101 or conc reg req. Formerly MQM 140 INTRODUCTION TO BUSINESS COMMUNICATION. Materials charge optional.
Oral, written, and electronic communication practices in business. Communication skills will be improved through solution of practical business problems.

199 INTRODUCTORY CLINICAL EXPERIENCE IN BTE 1-3 F,S
Incl Clin Exp: 50 hrs min, Type 1-6, 9, 10. For CR/NC only.
Assist public school business teacher in delivering instruction. Includes observation, record keeping, grading, instructional material preparation, instructional aiding and direct teaching.

225 ADVANCED MICROCOMPUTER APPLICATIONS FOR THE PROFESSIONAL 3 F,S
MS Office competency or ACC 167 and 168 or equiv req. Materials charge optional. Also offered as ACC 225.
Development of advanced skills in widely used application software. Introduces topics related to the role of technology in education and training.

260 FOUNDATIONS OF BUSINESS EDUCATION 2 F, S
C&I 212, 214, or conc reg req.
Historical background and current status of Business Education emphasizing professional responsibilities of teachers and principles of curriculum construction.

300 CAREER PLACEMENT DECISIONS 1 F,S
An orientation to the processes used in obtaining employment. Includes instruction concerning resumes, application letters, job sources, and interviews.

322 ENTREPRENEURSHIP STUDY FOR THE BUSINESS TEACHER 3 F
MQM 220; MKT 230 req.
Provides future business teachers with content knowledge to teach a high school entrepreneurship course.

330 DECISION-MAKING FOR CONSUMERS 3 F,S
Also offered as FCS 330.
Survey of consumer problems, trends, and information. Topics include: insurance, housing, credit, life-styles, consumer protection, leisure, and achieving financial security.

354 EDUCATIONAL TECHNOLOGY INFORMATION SYSTEM: PLANNING AND IMPLEMENTATION 3 F
BTE 225 and MQM 220 with a grade of C or better req. Formerly ADMINISTRATIVE OFFICE INFORMATION SYSTEMS: PLANNING AND IMPLEMENTATION.
Understand the role of information technology systems in educational settings. Includes developing skills in evaluating hardware and software, developing technology plans and policies, implementing and evaluating technology systems, using the Internet to solve educational/learning issues, and keeping current with technological innovation.

360 TOPICS IN STRATEGIES OF TEACHING BUSINESS EDUCATION SUBJECTS 2 F,S
BTE 260 or conc reg req; C&I 216 req. Incl Clin Exp: 12 hrs, Type 1-6, 9. May be repeated if content different. Adm to Professional Studies or teaching experience req.
Methods of teaching Business Education subjects including keyboarding, information processing, basic business, consumer economics, accounting, marketing education, and current topics.

362 BASIC BUSINESS, ACCOUNTING, AND MARKETING INSTRUCTION 3 F
BTE 260 or conc reg req. Adm to Professional Studies req.
Methods of teaching basic business, consumer economics, accounting, and marketing.

363 KEYBOARDING, INFORMATION PROCESSING, AND COMPUTER APPLICATION 3 S
BTE 225, 260 or conc reg req. Adm to Professional Studies req.
Instructional strategies in the teaching of personal and vocational keyboarding and computer applications at the junior high and high school levels.

364 TEACHING KEYBOARDING AND INFORMATION PROCESSING IN ELEMENTARY SCHOOLS 1 S
BTE 363, or conc reg req. Incl Clin Exp: 5 hrs, Type 1-6, 9. Adm to Professional Studies req.
Methods of teaching keyboarding and information processing for elementary students.

380 ORGANIZATION AND ADMINISTRATION OF VOCATIONAL COOPERATIVE EDUCATION PROGRAMS 3 F
Incl Clin Exp: 5 hrs, Type 1-6, 9. Also offered as FCS 380.
Planning and organizing a cooperative program; emphasis on recruitment, selection of training stations, student placement, and operation of cooperative plan.

382 COORDINATION TECHNIQUES OF COOPERATIVE VOCATIONAL EDUCATION PROGRAMS 3 S
Incl Clin Exp: 5 hrs, Type 1-6, 9. Also offered as FCS 382 and TEC 306.
Coordination techniques needed for high school and post-secondary teacher coordinators in integrating classroom activities with daily employment.

COLLEGE OF EDUCATION

Dean: Deborah Curtis, Office: 506 DeGarmo Hall.

Web address: www.coe.ilstu.edu/

The College of Education includes the Departments of Curriculum and Instruction, Special Education, Educational Administration and Foundations, the Office of Clinical Experiences and Certification Processes in the Teacher Education Center, and the Laboratory Schools. A research and service unit is also included in the College of Education.

The mission of the College of Education is to provide state and national leadership in teacher and administrator education, educational research, and educational policy.

The preparation and continuing professional development of educators is the core of this mission. The guiding framework for teacher education at Illinois State University, "Realizing the Democratic Ideal," captures the values of education programs: "To teach in a democracy is self-consciously to take up the burden of improving the moral and intellectual quality of our societal dialogue by including in it as many educated voices as possible." A comprehensive offering of degree, certification, and outreach programs operated year round at both undergraduate and graduate levels constitutes the primary mechanism through which the mission is fulfilled.

The College also fulfills its strategic mission of influencing education by interacting directly with practitioners in the field in a variety of partnerships in schools and other associations and agencies. In addition, the College is an active participant in discussions related to educational policy development within national, state, and local arenas.

CURRICULUM AND INSTRUCTION (C&I) 533

232 DeGarmo Hall, (309) 438-5425
Web address: www.coe.ilstu.edu/c+idept/

Chairperson: Barbara Nourie.
Tenured/Tenure-track Faculty:
Professors: Curtis, Haynes, Lorber, Lorsbach, Moore, Moss, Nourie.
Associate Professors: Al-Bataineh, Crumpler, Jerich, Kruger, Morey, Morgan.
Assistant Professors: Bassoppo-Moyo, Bates, Bohn, Ehlers-Zavala, Handsfield, Hatch, Kim, Latham, Lucey, Meyer, Michie, O'Malley, Owles, Park, Smith, Spycher, Toledo, Wedwick, Weilbacher, Wellinski.

General Department Information

Early Childhood Education Programs

Degrees Offered: B.S., B.S. in Ed.

Academic Requirements:

Students are admitted to the Early Childhood Education program on a competitive and selective basis. Transfer students must have a minimum cumulative transfer GPA of 3.00. Internal transfers must also have a 3.00 to be considered. Meeting minimum requirements does not guarantee admission to the program.

To register for C&I 271, the Early Childhood Education program entry course, students must have achieved:

1. A minimum cumulative and major GPA of 2.50.
2. A minimum of 45 semester hours completed **(To begin C&I 271, however, students must have achieved junior standing—a minimum of 60 semester hours completed.)**
3. A minimum grade of C in both ENG 101 and COM 110.
4. **All sections of State of Illinois Basic Skills Test passed (see description below).**

Students should contact their Curriculum and Instruction advisors for additional information. Prospective transfer students will be admitted on a competitive basis to Illinois State University. (See the Admission section of this *Undergraduate Catalog*.) Advanced registration is strongly recommended.

State of Illinois Basic Skills Test

All early childhood majors are required to pass the State of Illinois Basic Skills Test in reading, writing, and mathematics before registering for C&I 271. For this reason students should take the State of Illinois Basic Skills Test (fee required) as early as possible.

MAJOR IN EARLY CHILDHOOD EDUCATION

The Early Childhood Major leads to certification for teaching in programs serving children birth to age 8 (grade 3). The professional coursework of the program focuses on preparation for teaching in child care centers, pre-schools, 0-3 early intervention programs, and primary K-3 classrooms.

Students are encouraged to take the State of Illinois Basic Skills Test as early as possible **since passing scores on the State of Illinois Basic Skills Test are required before registering for (C&I 271)**.

— Required courses (57 hours): C&I 111, 210, 271, 273, 274, 275, 276, 277, 278, 292, 293, 294, 314; EAF 228 or 231 or 235; ART 208 or MUS 278 or THE 229 or THE 282; PAS 115; SED 373, 379; and STT 399.54.
— Each student should consult the Teacher Education Requirements section of the *Undergraduate Catalog* for further understanding of state General Education requirements for certification in Early Childhood Education.
— A teacher education candidate for initial certification must earn a grade of C or better in the following courses: C&I 271, 273, 274, 275, 276, 277, 278, 292, 293 and 294 and student teaching in order for the Dean of the College of Education to recommend that the Evaluations Office send to the candidate the proper documentation to apply for the appropriate Illinois Teaching Certificate to be issued by the Illinois State Board of Education.

Elementary Education Programs

Degrees Offered: B.S., B.S. in Ed.

Academic Requirements:

Students are admitted to the Elementary Education program on a competitive and selective basis. Transfer students must have a minimum cumulative transfer GPA of 3.00. Internal transfers must also have a 3.00 to be considered. Meeting minimum requirements does not guarantee admission to the program.

Transfer students must have a minimum cumulative transfer GPA of 3.00 and A.A. or A.S. degree and other requirements as currently specified by the program. Internal transfers must also have a 3.00 to be considered for admission to elementary education.

To register for C&I 209, Literacy II, a student must have achieved:

1. C&I 208 Literacy I;
2. 2.50 cumulative GPA;
3. All sections of State of Illinois Basic Skills Test passed (see description below);
4. Grade of C or better in COM 110 and ENG 101.

NOTE: In order to be eligible to student teach, students must earn a minimum grade of C in the following elementary level methods courses: C&I 208, 209, 257, 258; MAT 201.

Students should contact their Curriculum and Instruction advisors for additional information. Prospective transfer students will be admitted on a competitive basis to Illinois State University. (See Admission section of this *Undergraduate Catalog*.) Advanced registration is strongly recommended.

State of Illinois Basic Skills Test

All elementary majors are required to pass the State of Illinois Basic Skills Test in reading, writing, and mathematics before registering for C&I 209. For this reason, students should take the Illinois Basic Skills Test (fee required) as early as possible.

MAJOR IN ELEMENTARY EDUCATION

The Elementary Education program prepares candidates for certification in grades K-9. The program is based on the conceptual framework "Realizing the Democratic Ideal" and closely aligned with the Interstate New Teacher Assessment and Support Consortium (INTASC) standards, the Illinois Professional Teaching Standards (IPTS) and the standards developed by Association for Childhood Education International (ACEI), all of which are integrally related.

Throughout the program, elementary education majors have opportunities to link theory with practice as they participate in clinical experiences in elementary classrooms. Elementary education majors also may apply to one of several Professional Development Schools in which they integrate their coursework with ongoing classroom experiences in participating school districts.

Elementary Education Program Sequence Requirements:

All Elementary Education majors are required to complete 18 semester hours in a discipline from one of the following areas: General Science, Social Science, Language Arts, Foreign Language, or Mathematics. All Elementary Education majors are required to complete 12 semester hours of science from the areas of Biological Sciences, Chemistry, Geology, and/or Physics. *Students should contact Curriculum and Instruction advisors for additional information.*

Major Adjunct Courses: 20 semester hours. These courses should be completed by the end of the junior year with the exception of the EAF class.

SED 101	Exceptional Learner	3 hours
ENG 170	Foundations in Literature for Children	3 hours
MAT 201	Teaching Mathematics in the Elementary School	3 hours
KNR 222	PE for the Elementary Classroom Teacher	2 hours
EAF 228	Social Foundations *or*	3 hours
231	Introduction of Philosophy of Education *or*	
235	Historical Foundations	
ART 204	Arts for Elementary Schools: Visual Art *or*	3 hours
MUS 277	Arts for Elementary Schools: Music *or*	
THE 281	Arts for Elementary Schools: Theatre *or*	
THE 283	Arts for Elementary Schools: Dance	
PSY 302	Developmental Psychology of Adolescence	3 hours

C&I Major Courses: 23 semester hours.

C&I 104	Introduction to Education	2 hours
C&I 208	Literacy I: Reading and Language Arts in the Elementary/Middle Schools	3 hours
C&I 209	Literacy II: Reading and Language Arts in the Elementary/Middle Schools	3 hours
C&I 210	Child Growth and Development	3 hours
C&I 211	Seminar in Education	3 hours
C&I 233.01	Education and the Early Adolescent	3 hours
C&I 257	Teaching Science in the Elementary Schools	3 hours
C&I 258	Teaching Social Studies in the Elementary Schools	3 hours

Professional Education--Student Teaching: 12 semester hours.

STT 399.50 Student Teaching (entire semester experience) 12 hours

In the semester before Student Teaching, students will enroll in a 15 hour semester consisting of C&I 211, 233.01, 257, 258, and EAF 228 or 231 or 235. Generally, students are limited to this 15 hour schedule because either (a) they are required to complete 3 weeks of full-time Clinical Experiences in elementary schools or (b) this semester is taken at an off-campus Professional Development School.

A teacher education candidate for initial certification must earn a grade of C or better in student teaching in order for the Dean of the College of Education to recommend that the Evaluations Office send to the candidate the proper documentation to apply for the appropriate Illinois Teaching Certificate to be issued by the Illinois State Board of Education.

Bilingual/Bicultural Education Sequence:

An Elementary Education major who completes the requirements for a B.S. or B.S. in Education degree and who completes the proposed required courses listed may be certified as an elementary school teacher with bilingual/bicultural approval. In addition to the courses required for the Elementary Education major, other required courses include:

— Required courses: C&I 319, 320, 321, 322; ENG 243.
— 2 courses selected from ENG 290, 341, 343, 344, 345.
— 3 courses selected from FOR 213.15, *244.15, *305.15, 336.15.
— 1 course selected from HIS 104.03, 111, 263, 273, 322.
— 1 course selected from ANT 175, 277; SOC 111, 260, 264.
— Bilingual Education student teaching must be in a bilingual setting.

*These courses can be taken during summer programs sponsored by the Foreign Language Department in Spanish- speaking countries or on campus.

Additional courses in Spanish may be needed in order to obtain the required degree of Bilingualism. The courses available in the Department of Foreign Languages are complemented by a summer program abroad. Language proficiency will be determined by successfully passing the Illinois Language Proficiency Test administered by the Illinois State Board of Education. The acceptable level of language proficiency required by the state of Illinois is a 70% score. This level requires that the candidate function sometimes, but not consistently, in the following:

- supports opinions and argues logically a point of view
- hypothesizes
- discusses abstract and concrete topics
- makes unpatterned errors only
- can get into, through, and out of familiar situations

The Elementary Education major who desires Bilingual/Bicultural approval should consult the Coordinator of the Bilingual/Bicultural Education Program in the Department of Curriculum and Instruction for assistance in planning a program to meet the above requirements.

ENDORSEMENT IN READING

Students may complete course work leading to the 24-hour reading teacher endorsement. To meet these state requirements, students must fulfill 18 hours in reading in categories designated by the State of Illinois, and two additional elective courses. Students should see an advisor to plan this coursework.

Middle Level Teacher Education Programs

Degrees Offered: B.S., B.S. in Ed.

Academic Requirements:

Students are admitted to the Middle Level Teacher Education program on a competitive and selective basis. Transfer students must have a minimum cumulative transfer GPA of 3.00. Internal transfers must also have a 3.00 to be considered. Meeting minimum requirements does not guarantee admission to the program. To register for C&I 233, the Middle Level Teacher Education program entry course, students must have achieved:

1. A minimum cumulative and major GPA of 2.50.
2. A minimum grade of C in both ENG 101 and COM 110.
3. All sections of the State of Illinois Basic Skills Test passed (see following description).

Students should contact their Curriculum and Instruction advisors for additional information. Prospective transfer students are admitted on a competitive basis. Meeting minimum requirements does not guarantee admission to the program.

Illinois Basic Skills Test

All middle level teacher education majors are required to pass the State of Illinois Basic Skills Test in reading, writing, and mathematics before registering for C&I 233. For this reason students should take the State of Illinois Basic Skills Test (fee required) as early as possible.

MAJOR IN MIDDLE LEVEL TEACHER EDUCATION

Professional Requirements:

— 40 hours in Professional Education required. Part of entitlement program leading to certification: Elementary K-9.
— Required courses: C&I 130, 210, 233, 306, 333, 390, 395, 399.55 (12 hours of Student Teaching); EAF 228 or 231 or 235; PSY 302; PSY 346 or 347 or SED 101.

Specialization Requirements:

— Appropriate preparation in 2 or more areas of teaching specialization listed below is required.

The major in Middle Level Teacher Education, a program of professional development for those who wish to teach at the middle school-level of education, consists of three broad areas of preparation. These are: General Education requirements for certification which are listed in the section on Teacher Education; Professional Requirements which are listed above; and Teaching Specialization Requirements, the character of which are described below. Upon satisfactorily completing this program, the student will meet the State of Illinois requirements for Elementary certification (K-9).

Curriculum and Instruction advisors will assist the Middle Level Teacher Education major in planning course work in both a primary and secondary area of specialization.

Primary Specialization:

A student must complete specified hours from one of these content areas: Science, Industrial Technology, Social Sciences, Mathematics, Reading, Language Arts, or Physical Education.

Secondary Specialization:

In addition to the primary specialization, a student must complete a minimum of 18 hours (completes the State of Illinois minimum requirements for teaching in a second field) in another content area selected from those listed above, or from Health Education. **NOTE**: Middle Level majors must choose at least one of the four core curriculum areas (mathematics, science, social sciences, language arts) as either their primary or secondary specialization.

Unlike preparation for senior high school teaching, the middle school demands broad preparation across the several disciplines that constitute a subject area at this level. To meet these broad field demands in their selected teaching areas, pre-service teachers in the Illinois State program are guided through coursework that is specifically attuned to the curriculum requirements of the middle school.

A primary feature of the Middle Level Teacher Education program is the experience that the pre-service teacher gains in working with young adolescent youth in the school environment. Simultaneously with the course work in the categories previously described, the student in the program engages in a variety of Clinical Experiences working with students in middle schools. This includes a year-long partnership experience during the last year of the program. Partnership schools may be located in any area of Illinois. In fulfilling its strong commitment to young adolescent education, Illinois State University works closely with these schools to provide maximal opportunities for majors in the development of teacher-student interaction skills. The prescribed and voluntary internship activity aids the student in making the transition from pre-service to in-service teaching much more effectively and expeditiously. These activities and the other features of this specialized program combine to provide a comprehensive and thorough undergraduate program for teachers as specialists at a school level where few exist.

Certification standards and standards for school recognition by the Illinois State Board of Education relating to the qualifications of teachers as well as those for member schools of the North Central Association are met and considerably exceeded by graduates of the Middle Level Teacher Education program at Illinois State University.

A teacher education candidate for initial certification must earn a grade of C or better in student teaching in order for the Dean of the College of Education to recommend that the Evaluations Office send to the candidate the proper documentation to apply for the appropriate Illinois Teaching Certificate to be issued by the Illinois State Board of Eduction.

Urban Education Study:

Students wishing preparation for working with urban populations may elect to complete Urban Education. Urban Education is not a certified area but is an elective option available to students in Elementary Education, Middle Level Education, Special K-12, High School, Early Childhood, and Special Education programs. Course content and Clinical Experiences are individually designed in keeping with the specific Teacher Education program of the student.

The following includes both on and off-campus course work experiences in both school and non-school educational settings, and in agency activities: C&I 110—Introduction to Multicultural Education (3 hours), C&I 232—Urban Education: An Introduction (3 hours), C&I 312—Urban Field Experiences (6 hours off campus), and C&I 398—Professional Practice: School/Community Involvement (3 hours).

SECONDARY EDUCATION NOTE: It is recommended that students progress through the Professional Education requirements in the following order:

1. PSY 215 (Educational Psychology), 3 hours and C&I 212 (Issues in Secondary Education), 2 hours.
2. EAF 228 (Social Foundations), or EAF 231 (Introduction to Philosophy of Education), or EAF 235 (Historical Foundations), 3 hours.
3. Begin the process leading to Admission to Professional Studies. This may require more than one semester. See Index for Admission to Professional Studies details. Take the State of Illinois Basic Skills Test in reading, writing, and mathematics as soon as possible. **Students must pass all sections of the State of Illinois Enhanced Basic Skills Test before they can register for C&I 214 and 216.**
4. C&I 214 (Literacy in the Content Areas of Secondary Education) and C&I 216 (Instructional and Evaluative Methods in Secondary Education), 3 hours each.
5. Special Methods course(s) and student teaching as required by each academic department. Check with the advisor in your major department for specific course numbers.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools, professional development schools, campus laboratory schools, agencies and

other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Curriculum and Instruction Courses

104 INTRODUCTION TO EDUCATION 2 F,S
Ed maj only. Incl satisfactory compl Clin Exp: Type 1.
The study of contemporary teaching and schooling provides the foundation for becoming an educator.

110 INTRODUCTION TO MULTICULTURAL EDUCATION 3 F,S
Materials charge optional.
Exploring the theories and processes for understanding and working with culturally diverse groups in educational settings and the implications for programming at all levels.

111 TEACHING DIVERSE STUDENT POPULATIONS: BIRTH - 8 YEARS 2 F,S
Early Childhood maj only. Not for cr if had C&I 110.
Exploring the theories and implications of working with diverse student populations and their families: Birth - 8 years old.

130 INTRODUCTION TO EDUCATION OF THE YOUNG ADOLESCENT 1 F,S
First course in Middle Level Teacher Education Seq.
Develops the distinctive role of young adolescent education in the public school, contrasted with elementary and senior high school education.

208 LITERACY I: READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOLS 3 F,S
El Ed, SED, and middle level maj only. Soph standing. 2.00 cum GPA; C&I 210 req. Incl satisfactory compl Clin Exp.
Study about theory and practice in teaching reading and language arts at the elementary school level.

209 LITERACY II: READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOLS 3 F,S
El Ed, SED, and middle level maj only. C or better in ENG 101 and COM 110. C&I 208 req. 2.50 cum GPA. All sections of State of Illinois Basic Skills Test passed. Incl satisfactory compl Clin Exp: Type 2.
Extends students' knowledge of literacy and the use of appropriate assessment measures and instrument strategies.

210 CHILD GROWTH AND DEVELOPMENT 3 F,S,Summer
Incl satisfactory compl Clin Exp: Type 1. Soph standing.
Physical, social, emotional, and mental development of the child from conception through adolescence; methods of studying children and their behavior.

211 SEMINAR IN EDUCATION 3 F,S
El Ed maj only. C&I 208 and 209 req. Sr standing, 2.50 maj and overall GPA. Adm to Prof Studies. Conc reg in C&I 257, 258 req. Conc reg in C&I 233.01 and EAF 228 or 231 or 235 rec. Not for cr if had C&I 254. Incl satisfactory compl Clin Exp: Type 1, 2, 3, 4, 9, 10.
Senior capstone seminar integrating aspects of teacher preparation in the study of contemporary school improvement issues and individual professional development.

212 ISSUES IN SECONDARY EDUCATION 2 F,S,Summer
Teacher Ed Seq leading to 6-12 or K-12 cert (other than Spec Ed). Overall GPA of 2.50; 45 hrs req. Incl satisfactory compl Clin Exp: Type 1-4, 10. Formerly C&I 215.
Focuses on the social, economic, and political forces that influence the development, organization, and purposes of secondary schools.

214 LITERACY IN THE CONTENT AREAS OF SECONDARY EDUCATION 3 F,S,Summer
Teacher Ed Seq leading to 6-12 or K-12 cert (other than Spec Ed). Adm to Prof Studies req; 45 hrs req. C or better in ENG 101, COM 110 and C&I 212 req. Incl satisfactory compl Clin Exp: 10 hrs, Type 1, 2, 4, 5, 6, 10. Formerly READING IN THE CONTENT AREAS OF SECONDARY EDUCATION.
This course focuses on materials and strategies (techniques) which support literacy in all content areas.

216 INSTRUCTIONAL AND EVALUATIVE METHODS IN SECONDARY EDUCATION 3 F,S,Summer
Adm to Prof Studies; 45 hrs req. C or better in C&I 212 and PSY 215 req. Adm to Prof Studies req. Incl conc reg req lab 216.xx for field exp at University High (see advisor). Incl satisfactory compl Clin Exp: 55 hrs, Type 1, 2, 4, 5, 10.
This course is designed to introduce and develop secondary school teacher candidate's ability to plan, deliver, and evaluate standards-based instruction.

222 READING ASSESSMENT 3 F,S
C&I 208 req; or Education or Psychology measurement rec. Incl satisfactory compl Clin Exp: 5 hrs, Type 1, 2, 6, 9, 10.
Study of the assessment of the reading process.

232 URBAN EDUCATION: AN INTRODUCTION 3 F,S
Strategies for educating urban students.

233 MIDDLE LEVEL EDUCATION AND THE YOUNG ADOLESCENT 3 F,S
Middle Level Teacher Ed Maj only; C&I 130 or conc reg req. 2.50 overall GPA req. C or better in ENG 101 and COM 110 req. All sections of State of Illinois Basic Skills Test passed. Incl satisfactory compl Clin Exp: 20 hrs, Type 5. (Non-maj section- 233.01; cum GPA 2.00, maj GPA 2.00; C or better in ENG 101 and COM 110).
Organizational structure of American public education; provisions for young adolescent education; understanding the characteristics of the young adolescent student; the role of the teacher of young adolescents.

257 SCIENCE METHODS 3 F,S
El Ed maj only. Sr. standing. C&I 208 and 209 req, incl 1 lab course. Conc reg in 211, 258 req. Conc reg in C&I 233.01 and EAF 228 or 231 or 235 rec. 2.50 maj and overall GPA. Adm to Prof Studies. Materials charge optional.
Methods associated with effective K-9 science instruction. Emphasis placed upon activity-based instructional strategies.

258 SOCIAL STUDIES METHODS 3 F,S
El Ed maj only. Sr standing. C&I 208 and 209 req. Conc reg in 211, 257 req. Conc reg C&I 233.01 and EAF 228 or 231 or 235 rec. 2.50 maj and overall GPA. Adm to Prof Studies.
Methods essential to effective K-9 social studies instruction. Focuses on current directions, research, and individual needs of diverse student populations.

270 ELEMENTARY SCHOOL CURRICULUM 4 F,S,Summer
C&I 208 or conc reg req. Incl satisfactory compl Clin Exp: 5 hrs, Type 1. Not for cr if El Ed maj.
Development of elementary school curriculum and classroom organization. Current teaching strategies and materials for language arts, science, and social studies.

271 PREKINDERGARTEN EDUCATION 3 F,S
Early Childhood maj only. Conc reg in C&I 210 rec, 278 and 292 req. Not for cr if had C&I 281.
An emphasis on planning, teaching, and evaluating programs with a focus on play, learning, materials, assessment, and working with birth - 5 year families.

273 EARLY LITERACY LEARNING 3 F,S
C or better in this course req. C&I 271 req. Not for cr if had C&I 281, 282.
Study in early literacy learning, instruction and integration of quality children's literature at the P-3 grade level.

274 LITERACY AND ASSESSMENT 2
C or better in this course req. C&I 273 req; conc reg in C&I 294 req. Not for cr if had C&I 282.
Extension of knowledge of early literacy and the use of appropriate assessment measures and instructional strategies for all children in grades K-3.

275 MATHEMATICS AND SCIENCE I 3 F,S
C or better in this course req. C&I 271 req. Not for cr if had C&I 283.
Content related to how prekindergarten and kindergarten children acquire and apply fundamental mathematics and science concepts, skills, and attitudes.

276 MATHEMATICS AND SCIENCE II 3 F,S
C or better in this course req. C&I 275 req. Not for cr if had C&I 283.
Content about how primary level children acquire and apply fundamental mathematics and science concepts, skills, and attitudes.

277 SOCIAL STUDIES FOR EARLY CHILDHOOD 3 F,S
C or better in this course req. C&I 314 req. Not for cr if had C&I 283.
Content emphasis placed on cultural universals found in geography, history, economics, and citizenship.

278 PRACTICES AND ISSUES IN EARLY CHILDHOOD EDUCATION 3 F,S
Early Childhood Ed maj only. C&I 210 req. Not for cr if had C&I 112. Formerly INTRODUCTION TO EARLY CHILDHOOD.
Foundational issues and practices related to early childhood programming, education, instructional methods, and outcomes will be explored.

292 EARLY CHILDHOOD EDUCATION CLINICAL I 1 F,S
Conc reg in C&I 271 req. May be repeated max of 3 hrs.
Early Childhood Education Clinical: placement in Prekindergarten setting.

293 EARLY CHILDHOOD EDUCATION CLINICAL II 1 F,S
Conc reg in C&I 314 req. May be repeated max of 3 hrs.
Early Childhood clinical placement in K-3 setting. 90 clinical hours.

294 EARLY CHILDHOOD EDUCATION CLINICAL III 1 F,S
Conc reg in C&I 274 req. May be repeated max of 3 hrs
Early Childhood Clinical Placement in K-3 setting. 90 clinical hours.

301 PREKINDERGARTEN EDUCATION 4 Summer
Not for cr if ECE maj. Incl satisfactory compl Clin Exp: 18-20 hrs, Type 1-5.
Principles and practices of planning, teaching, and evaluating prekindergarten programs. Emphasizes the value of play, living-learning experiences, activities, and materials.

306 EARLY ADOLESCENCE LITERACY LEARNING 3 F,S
Incl satisfactory compl Clin Exp: 20 hrs, Type 1, 6, 9, 10. Formerly SED 306.
Study of early adolescent literacy learning and instruction.

312 URBAN FIELD EXPERIENCE 6 Summer
Incl satisfactory compl Clin Exp: 100 plus hrs, Type 1-4.
An off-campus, community-based experience in urban schools, local community agencies and state and private institutions serving youth.

314 LEARNING, ENVIRONMENTS, AND ASSESSMENT 2 F,S
C&I 271 req; conc reg C&I 293 req.
Study of how children learn. Emphasis on planning and assessment, guidance, management, and effective use of the learning environment.

319 STUDY OF BILINGUAL/ BICULTURAL EDUCATION 3 F,S
Bilingual major only.
Theory, research, and practice in bilingual/bicultural education.

320 BILINGUAL/BICULTURAL PROGRAM DESIGN AND IMPLEMENTATION 3 F,S
Bilingual major only. Bilingual language proficiency (ENG/SPA) or cons inst req.
Emphasizes the process of developing a bilingual program, and examines the alternatives available at each stage.

321 BILINGUAL/BICULTURAL METHODS AND MATERIALS 3 F,S
Bilingual major only. Bilingual language proficiency (ENG/SPA) or cons inst req. Not for cr if had C&I 218.
Survey of methods and development of materials for teaching in bilingual/bicultural contexts.

322 INTERNSHIP IN BILINGUAL/ BICULTURAL EDUCATION 3 F,S
Bilingual major only. Bilingual language proficiency (ENG/SPA) or cons inst req. C&I 321, and placement in a bilingual classroom req. Not for credit if had C&I 218.
Internship in a bilingual education program.

331 HISTORY AND PHILOSOPHY OF EARLY CHILDHOOD EDUCATION 3 F,S
Conc reg in C&I 283 req.
Emphasis given to major events and theories having an impact on Early Childhood Education in its contemporary form.

333 MIDDLE LEVEL CURRICULUM 3 F,S
Middle Level Teacher Education maj only or cons prog coord. C&I 233 req. 2.50 overall GPA req. Adm to Prof Studies req. Conc reg C&I 390 and 395 req. Clin Exp: 30 hrs, Type 1-5.
Curriculum designs, principles of curriculum development, and problems encountered by practitioners in early adolescent education.

351 SCIENCE METHODS FOR THE MIDDLE SCHOOL 3 S
Middle Level Teacher Education maj only or cons prog coord. C&I 233 or conc reg req.
Strategies for teaching science which center around developing scientific literacy principles in the young adolescent child.

352 SOCIAL STUDIES METHODS FOR THE MIDDLE SCHOOL 3 F
Middle School maj only or cons prog coord. C&I 233 or conc reg req. Incl satisfactory compl Clin Exp: 10 hrs, Type 1-4.
Methods of social studies instruction for pre-service middle school teachers. Includes examination and use of instructional strategies and curriculum materials.

390 MIDDLE LEVEL STRATEGIES AND RESOURCES 3 F,S
Middle Level Teacher Education maj only or cons prog coord. 2.50 overall GPA req. C&I 233 req; conc reg C&I 333 and 395 req. Adm to Prof Studies req. Incl satisfactory compl Clin Exp: 60 hrs, Type 1-5. .
Methods and materials for teaching-learning experiences at this school level; instructional strategies; classroom management; guidance techniques; and pupil evaluation.

395 CURRENT TOPICS AND ISSUES IN MIDDLE LEVEL EDUCATION 3 F,S
Middle Level Teacher Education maj only or cons prog coord. 2.50 overall GPA req. Adm to Prof Studies req. C&I 390 or conc reg req; conc reg C&I 333 and 390 req. Clin Exp: 30 hrs, Type 1-5.
Philosophy, functions, curricula of young adolescent education as implemented in middle schools. Relationships between pupils' developmental characteristics, needs, and behaviors and development of school programs. Problems, issues, evaluation and accreditation of junior high/middle schools.

398 PROFESSIONAL PRACTICE: SCHOOL/ COMMUNITY INVOLVEMENT 2-6

EDUCATIONAL ADMINISTRATION AND FOUNDATIONS (EAF) 590

331 DeGarmo Hall, (309) 438-5422
Web address: www.coe.ilstu.edu/eafdept

Chairperson: Patricia Klass.
Tenure/Tenure-track Faculty:
Professors: Ashby, Klass, Lyman, Palmer, Riegle, Vogt.
Associate Professors: Adkins, Azinger, Lugg, Mogilka, Padavil.
Assistant Professors: Ashton, Durflinger, Dean, Eckrich, Gardner, Hatt-Echeverria, Lin, McCluskey-Titus, Nur-Awaleh, Pacha, Rugutt.

General Department Information

The Department of Educational Administration and Foundations offers courses at the undergraduate level to facilitate Teacher Education programs. For a complete description of the Department's graduate program and offerings, consult the *Graduate Catalog*.

Educational Administration and Foundations Courses

228 SOCIAL FOUNDATIONS 3 F,S,Summer
60 hrs req.
Education as a social process and function, social origins of contemporary educational problems.

231 INTRODUCTION TO PHILOSOPHY OF EDUCATION 3 F,S,Summer
60 hrs req.
Philosophical inquiry into educational policies and practices.

235 HISTORICAL FOUNDATIONS 3 F,S,Summer
60 hrs req.
Inquiry into the history of American public schooling.

SPECIAL EDUCATION (SED) 591

533 DeGarmo Hall, (309) 438-8980

Web address: www.coe.ilstu.edu

Chairperson: James Thompson.
Assistant Chair: Cindy L. Lawson.
Tenured/Tenure-track Faculty:
Professors: Bakken, Crowley, Lartz, Thompson.
Associate Professors: Angell, Bock, Fulk, Peterson-Karlan, Watts.
Assistant Professors: Blum, O'Brian, Shelden.

General Department Information

Admission to Special Education Programs:

The undergraduate Special Education program is a selective admission program with a limited number of students admitted to each of the sequences. Students seeking admission to the Special Education program must be admitted to a sequence, although freshmen who are unsure of their sequence preference may be admitted to General Special Education for a limited time. All Special Education undergraduates must have declared their sequence prior to Admission to Professional Studies. An overall GPA of 2.50 is required for retention in all Special Education programs.

Changes in major or sequence will be approved only if the student meets established program admission requirements and if there are openings in the sequence the student desires to enter. Students seeking to change their major to Special Education should follow the procedures described in this *Undergraduate Catalog*.

New Transfer and Internal Transfer Admission Requirements:

Students transferring from other schools or from other majors within the University must have a cumulative GPA of 2.70. Department advisors can provide information regarding additional requirements for transfer into a special education major.

Standards for Progress in the Major

A minimum GPA of 2.50 is required both overall and in major coursework for retention in all Special Education programs. Candidates must meet requirements for Admission to Professional Studies and Admission to Student Teaching to advance to experiences with these prerequisites.

Professional Requirements Applicable to All Special Education Programs:

In addition to meeting University requirements for graduation and Admission to Professional Studies requirements, all students in Special Education must successfully complete:

1) 27-hour core of courses, which includes the knowledge standards central to the profession of special education. These courses include: SED 101, 201, 202, 203, 204, 373; C&I 208; PSY 215; and EAF 228, or 231 or 235. (All of these courses must be completed with a grade of C or better.)
2) Sequence-specified course and experience requirements (see below) with minimum cumulative and major grade point averages of 2.50.
3) Pre-student teaching experiences designed to meet professional performance standards. These experiences include successful completion of a minimum of 7 semester hours through enrollment in appropriate sections of SED 245 (see sequence-specific requirements). Additional teaching or related experiences may be included as a part of core or specific sequence requirements or in remedial experiences. Performance evaluations in each of these experiences must recommend that the student advance to the next level of experience prior to doing so. *Students are responsible for housing arrangements and transportation to clinical sites.*
4) A full semester of Student Teaching (STT 399) for which teacher candidates are awarded 14 semester hours of credit. In order to be recommended for initial certification, candidates must demonstrate during this capstone experience that they have obtained competence in the knowledge, performance, and disposition areas designated by the profession of special education and this department. *Students are responsible for housing arrangements and transportation to student teaching sites.*
5) An individual student portfolio: Student Performance-Based Assessment Portfolio documenting that all requirements established by the Teacher Education Unit and the Department of Special Education have been successfully met. This documentation includes multiple examples of evidence, gathered through courses and other experiences, of the acquisition of knowledge, performance, and disposition required of the profession. A current listing of portfolio requirements can be obtained from the department.

Special Education Programs

Degrees Offered: B.S., B.S. in Ed.

MAJOR IN SPECIAL EDUCATION

Core for All Majors:

— 27-hour core of courses which includes the knowledge standards central to the profession of special education. These courses include: SED 101, 201, 202, 203, 204, 373; C&I 208; PSY 215; and EAF 228 or 231 or 235. (All of these core courses must be completed with a grade of C or better.)
— Completion of all required SED, C&I, PSY and EAF courses required for core and major with a grade of C or better.
— Designated SED 245 field experiences with appropriate proficiency levels.
— STT 399 Student Teaching 14 hours with appropriate proficiency levels.

Specialist in Deaf and Hard of Hearing Sequence:

Entitlement program leading to Illinois Certification, Type 10 Special: Deaf and Hard of Hearing.

— 27 hours SED Core.
— 37 hours in required sequence-specific courses including SED 130, 230, 330, 340, 353, 354, 355, 359, 375; PAS 211, 349, 350, 351.
— 7 hours SED 245 field experiences: 245.08 (2 hour), 245.09 (2 hour), 245.10 (1 hour), 245.11 (2 hour).
— 14 hours student teaching.
— Admission to Professional Studies is required prior to these courses: SED 204, 245.08, 245.09, 245.10, 245.11, 354, 355, 359 and 375.
— Grade of C or better in all required SED, C&I, PSY and EAF courses.
— Sequence-specific assessment: Passing score on communication proficiency interview prior to student teaching.

Specialist in Learning and Behavior Sequence:

Entitlement program leading to Illinois Certification, Type 10 Special: Learning Behavior Specialist I.

— 27 hours SED Core.
— 24 hours required in sequence-specific courses including SED 377, 379, 382, 383, 384; C&I 209; Math elective.
— 12 hours SED 245 field experiences: 245.12 (4 hour), 245.13 (4/4hours).
— 14 hours student teaching.
— Admission to Professional Studies is required prior to these courses: SED 204, 245.12, 245.13, 382, 383, 384.
— Grade of C or better required in all SED, C&I, PSY and EAF courses.

Specialist in Low Vision and Blindness Sequence:

Entitlement program leading to Illinois Certification, Type 10 Special: Visual Impairment.

— 27 hours SED Core.
— 28 hours required in sequence-specific courses including SED 350, 351, 352, 356, 357, 358, 377, and 379; C&I 209.
— 8 hours SED 245 field experiences: 245.04.
— 14 hours student teaching.
— Admission to Professional Studies is required prior to these courses: SED 204, 245.04, 351, 356, 357, 358.
— A grade of C or better is required in all required SED, C&I, PSY and EAF courses.
— Sequence-specific assessment: Braille proficiency tests.

Special Education Courses

101 THE EXCEPTIONAL LEARNER 3 F,S
Entry knowledge standards in special education foundations and characteristics of learners with disabilities. First course: SED Standards for All Educators.

130 AMERICAN SIGN LANGUAGE I 2 F,S
Lab experience req.
Introduce basic vocabulary, grammatical structure, and characteristics of American Sign Language. Examine application of American Sign Language in social and educational settings.

201 EFFECTIVE COLLABORATION AND TEACHING EXCEPTIONAL AND DIVERSE LEARNERS I 3 F,S
SED 101 req. May Incl Clin Exp: Approx 10-20 hrs.
Entry knowledge for instruction of exceptional learners. Includes collaborative instruction and modifications in practice. Second course: SED Standards for All Educators.

202 EFFECTIVE COLLABORATION AND TEACHING EXCEPTIONAL AND DIVERSE LEARNERS II 3 F,S
SED 201req. May Incl Clin Exp: Approx 10-20 hrs.
Special educator roles in planning and delivering instruction. General and special perspectives on P-12 curriculum, modifications of instruction, and collaborative practice.

203 MEASURING AND AFFECTING STUDENT ACADEMIC AND SOCIAL BEHAVIOR I 3 F,S
SED 201 and 202 req or conc reg in SED 202. May Incl Clin Exp: Approx 10-20 hrs. Materials charge optional.
Teaching as a reflective process. Fundamentals of data-based instructional design; evaluation of instruction; formal, alternative, and curriculum-based assessment.

204 MEASURING AND AFFECTING STUDENT ACADEMIC AND SOCIAL BEHAVIOR II 3 F,S
Adm to Prof Studies, SED 202 and 203 req. May Incl Clin Exp: Approx 10-20 hrs. Materials charge optional.
Teaching as a reflective process. Affecting individual and group academic and social behaviors using behavior analysis and change technologies.

230 AMERICAN SIGN LANGUAGE II 2 F,S
SED 130 or cons dept chair req. Lab experience req.
Expands vocabulary, grammatical structure, and characteristics of American Sign Language. Conversational usage in both receptive and expressive communication is stressed.

245 FIELD WORK IN SPECIAL EDUCATION 1-8 F,S
Adm to Prof Studies or cons of dept chair req. May be repeated with cons of dept chair. Incl satisfactory compl Clin Exp:30-400 hours. Students responsible for transportation to sites and housing if needed. Prerequisites vary by Topic-see Registration Directory.
Supervised clinical experiences in programs serving persons with disabilities including schools, clinical facilities, community agencies, or residential institutions Topic .04 Low Vision/Blindness; Topic .08 Deaf and Hard of Hearing-Language; Topic .09 Deaf and Hard of Hearing-Speech; Topic .10 Deaf and Hard of Hearing-Reading and School Subjects; Topic .11 DHH Senior Practicum; Topic .12 Alternative Curriculum; Topic .13 Accessing General Curriculum.

330 ENGLISH SIGN SYSTEMS 3 F,S
SED 130, 230; lab req.
Examines the use of visual English systems in educational settings. Introduces basic school vocabulary and characteristics of English sign systems. Includes sign proficiency exam required for student teaching.

340 THE DEVELOPMENT OF LANGUAGE IN STUDENTS WHO ARE DEAF AND HARD OF HEARING 3 S
The study of the language development of children who are deaf and hard of hearing compared to normal language development.

350 INTRODUCTION TO VISUAL DISABILITIES 4 S
SED 101 or cons dept chair req. Incl Clin Exp: approx 10 hrs.
Impact of visual impairments on development; basic anatomy of the eye; types, causes, and educational implications of eye disorders; educational programming.

351 EDUCATION AND ASSESSMENT OF STUDENTS WITH VISUAL DISABILITIES 3 F
SED 350 and 356, or cons dept chair req. Adm to Prof Studies req.
Application of educational diagnosis to educational programming and instruction of individuals with visual disabilities.

352 BRAILLE READING AND WRITING 3 F
Cons dept chair req. Materials charge optional.
Preparation in reading and writing using the Braille Literary Code. Includes an introduction to Braille Textbook Format.

353 EDUCATION OF STUDENTS WHO ARE DEAF AND HARD OF HEARING 3 F
SED 101 req. Incl Clin Exp: approx 10 hrs.
Psychological, social, historical, and educational issues relating to the education of individuals who are deaf and hard of hearing.

354 TEACHING LANGUAGE TO DEAF AND HARD OF HEARING STUDENTS 3 F,S
SED 130, 230, 330, 353 or cons dept chair req. Conc reg in SED 245.08. Adm to Prof Studies req.
Principles and techniques of developing and teaching language to deaf and hard of hearing students at all grade levels, P-12.

355 TEACHING SPEECH TO DEAF AND HARD OF HEARING STUDENTS 3 F,S
SED 354 and PAS 211 or cons dept chair req. Conc reg in SED 245.09 req. Adm to Prof Studies req.
Principles and techniques of developing and teaching speech to hearing impaired students at all grade levels, P-12.

356 ASSISTIVE AND INSTRUCTIONAL TECHNOLOGY FOR INDIVIDUALS WITH VISUAL IMPAIRMENTS 4 S
Adm to Prof Studies and SED 352 req. Materials charge optional.
Preparation in reading and writing using Nemeth Code in teaching mathematics and communication skills to individuals with visual impairments.

357 ORIENTATION AND MOBILITY FOR CLASSROOM TEACHERS 2 S
Adm to Prof Studies req.
Practicum in basic daily living skills and rudimentary mobility techniques for individuals with visual disabilities.

358 READING AND LANGUAGE ARTS FOR STUDENTS WITH VISUAL DISABILITIES 3 S
C&I 208 and 209; SED 350 and 352 req. Adm to Prof Studies req.
Development of competencies to teach reading and language arts to students who use print, braille, and auditory media. Instructional techniques and materials emphasized.

359 TEACHING READING AND SCHOOL SUBJECTS TO DEAF AND HARD OF HEARING STUDENTS 3 F,S
SED 354 req. Conc reg in SED 245.10 req. Adm to Prof Studies req.
Teaching reading and other core subjects to deaf and hard of hearing students at all grade levels.

373 FAMILY-PROFESSIONAL COLLABORATION 3 F,S
SED 101 or 145 or cons dept chair req.
Theoretical and practical aspects of collaborating with professionals and with families of individuals with disabilities.

374 EDUCATIONAL ASSESSMENT OF PRESCHOOL CHILDREN WITH DISABILITIES 3
SED 101 or 145 or cons dept chair req.
Techniques and issues involved in gathering, analyzing and synthesizing data for developing and monitoring individualized educational programs for preschool children with disabilities.

375 ASSESSMENT AND PLANNING FOR DEAF AND HARD OF HEARING STUDENTS 3 F,S
SED 359, or conc reg req.
Examines assessment tools and techniques for developing an individualized educational program for students who are deaf and hard of hearing.

377 COMMUNICATION STRATEGIES FOR INDIVIDUALS WITH DISABILITIES 3 F,S
SED 101 or 145 or equiv req. Materials charge optional.
Issues, intervention strategies, and technologies that can impact the communication skills of individuals with disabilities.

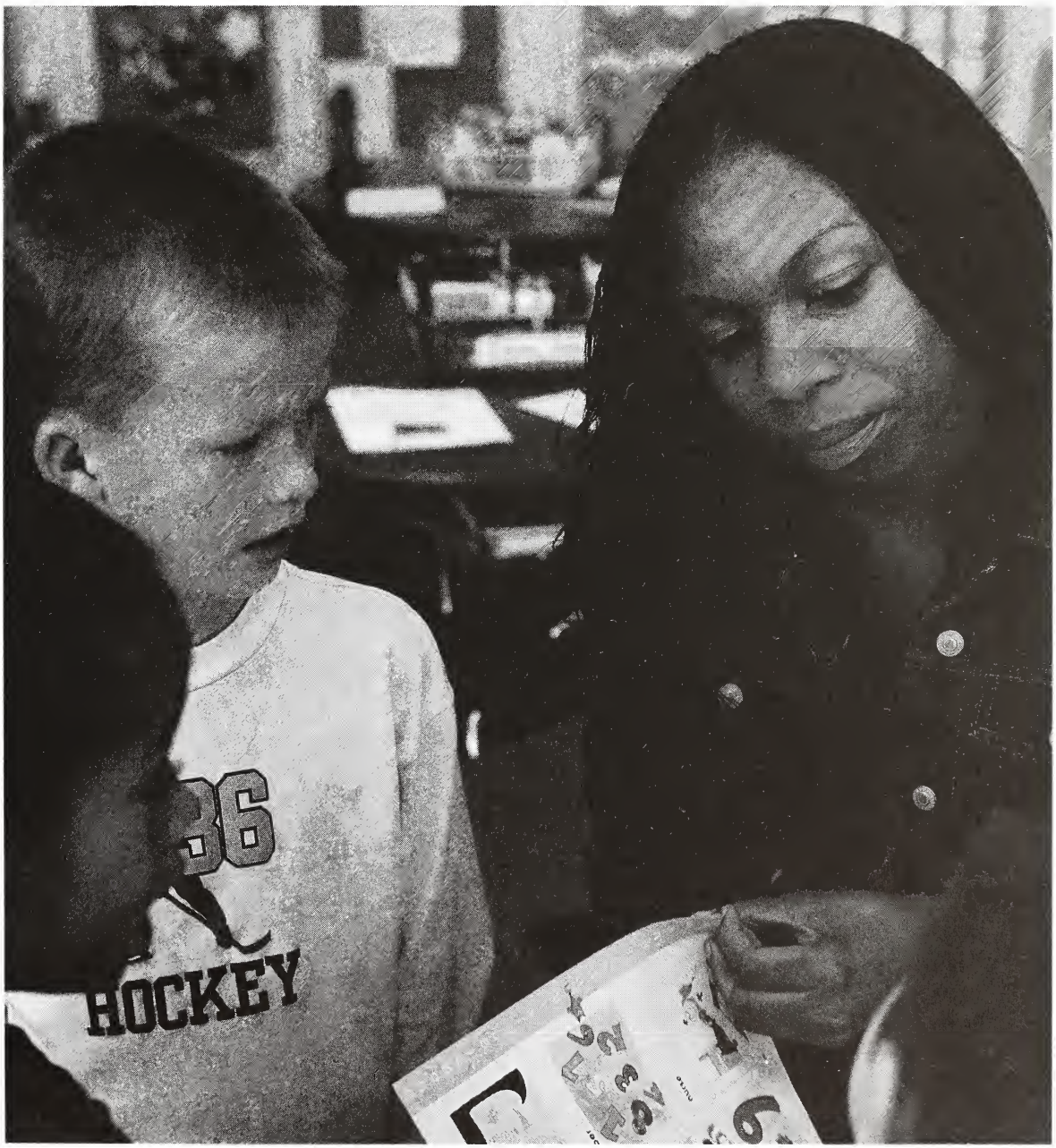
379 ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH DISABILITIES 3 F,S
SED 101 or 145 or equiv or cons dept chair. Materials charge optional.
Overview of a wide range of assistive technology devices and services for individuals with disabilities. Demonstration of devices, laboratory experiences, and identification of funding sources.

382 CHALLENGING BEHAVIOR: ANALYSIS AND INTERVENTION 3 F,S
SED 204 or 370 req.
Theoretical and practical application of functional behavior assessment and analysis, and functional, academic, and behavioral programming.

383 DEVELOPING AND IMPLEMENTING ALTERNATIVE CURRICULUM 6 F,S
SED 204 or conc reg and conc reg in SED 245.12 req. Adm to Prof Studies req.
Analysis and application of curricular approaches, curriculum content, instructional methodology, and organizational strategies that support learners who seek non-academic outcomes.

384 STRATEGIES FOR ACCESSING THE GENERAL EDUCATION CURRICULUM 3 F,S
Conc reg in SED 245.13 req. Adm to Prof Studies req.
Analysis and application of curriculum, instruction, and organizational strategies effective for learners with disabilities who access general education curricula.

386 EARLY INTERVENTION FOR INFANTS AND YOUNG CHILDREN WITH DISABILITIES 3
SED 101 or equiv; SED 340 or 377; SED 374 req.
Curriculum and organization of service delivery for young children with disabilities. Emphasizes birth to eight years of age.





COLLEGE OF FINE ARTS

Dean: Lon Gordon, 116 Center for the Visual Arts.

Web address: www.illinoisstate.edu/finearts

The primary function of the College of Fine Arts the Schools of Art, Music, and Theatre, and the program in Arts Technology is to provide professional education in the Arts for students desiring professional careers in select areas of the arts and for students preparing to be elementary, secondary, and college teachers. Various areas of concentration in undergraduate and graduate studies, including B.A., B.S., B.F.A., B.M., B.M.E., M.A., M.S., M.F.A., and M.M. programs, provide comprehensive and flexible curricula for a variety of student talents and interests. The College also provides a cultural environment through the performing and visual arts for the campus, community, and region.

Arts Technology Program

Director: Shari Zeck, 116 Center for the Visual Arts
phone: (309) 438-8321

Degrees Offered: B.A., B.S.

MAJOR IN ARTS TECHNOLOGY

The major in Arts Technology is a 55-hour interdisciplinary program in the College of Fine Arts that emphasizes theory, design, and practice in the application of computer technology to art, music, and theatre. The degree provides undergraduate training and experiences in arts technology to better prepare students with a broad range of knowledge and skills in multimedia design, including digital video and sound, computer graphics and theatre design, digital and MIDI music, and web design.

Admission and Retention Requirements:

All students must undergo a portfolio review and/or an interview with the Arts Technology Admissions Committee before being admitted into the program. The Committee will evaluate admission requests from new beginning freshman, new transfer students, and internal transfers. The Arts Technology program reserves the right to maintain a balanced enrollment and the number of students wishing to enter the Arts Technology program may be restricted.

Students will be allowed to continue in the Arts Technology program who have completed the 11-hours Fine Arts Core and the 8-hours Arts Technology Core with grades of C or better, have met and continue to maintain a GPA of 2.50 from 300-level courses in Arts Technology curriculum with no grade less than a C, and have demonstrated competency through an intermediate portfolio review.

Academic Requirements:

The 55 hours required for the degree are programmed as follows:

Fine Arts Core (11 hours): This group of courses provides the student with a basic experience in reading and performing music, visual arts experience in drawing and design, and interdisciplinary fine arts history study: 3 hours from ART 103, 104 or 109; and 2 hours from MUS 118 or 119, 121, or 126; and 6 hours from ART 155, 156; MUS 152; THE 100, 170 or 171 in two different Schools.

Arts Technology Core (8 hours): This group of courses provides the student with a foundation of study in digital media and multimedia design: ART/MUS/THE 276; ART/MUS/THE 387; and ART/MUS/THE 350.

Additional Fine Arts Study (18 hours): This group of courses provides the student with fine arts training in the historical and theoretical foundations, skills, and performance and production experiences of the arts. Choose one area of Fine Arts emphasis from the schools of Art, Music, or Theatre.

Art: 6 hours in addition to the Art course completed for the Fine Arts Core from ART 103, 104, or 109 and 12 hours from ART 226, 235, 236, 356, 232, 233, 261, 262, 252, or 363; **OR**

Music: 6 hours in addition to the Music course completed for the Fine Arts Core from MUS 118 or 119, 121, 126, or from Applied Music study (MUS 131-138 or 231-238): and 6 hours from MUS 100, 101 and 107, or 102 and 108; and 6 hours from MUS 203, 207, 265, 167, 175, 360, 205 or 305, or up to two credit hours of a music ensemble (MUS 139 or 239). Auditions may be required by the School of Music for some of these courses; **OR**

Theatre: 18 hours from THE 102, 110, 130, 160, 119 and 120, 101, 258, 260, 261 or 344.

Additional Arts Technology Study (15 hours): Select from the following courses after completion of the Fine Arts Core, the Arts Technology Core, and the Arts Technology intermediate portfolio review.

- 3 hours from MUS 353, 354, 388, or 301 with music topics; and
- 3 hours from ART 359, 301 with graphic topics, or ART/THE 388 with graphic or theatre design topics; and
- 9 hours from any of the following courses, or other courses that emphasize Arts Technology applications with approval of the program advisor: ART/MUS/THE 206; ART/MUS/THE 301; ART/MUS/THE 353; ART/MUS/THE 354; ART/MUS/THE 359; ART/MUS/THE 388; ART 351.24, 253, 351.85; or THE 367; (ART/MUS/THE 206, ART/MUS/THE 301, and ART/MUS/THE 388 may be repeated with different topics or experiences).

Capstone Experience in Arts Technology (3 hours): Internship in Arts Technology (ART/MUS/THE 398.09 or

comparable culminating experience in multimedia design as approved by the program advisor e.g. ART/MUS/THE 287 or ART/MUS/THE 206).

ART (ART) 562

119 Center for the Visual Arts, (309) 438-5621
Web address: www.illinoisstate.edu/finearts
Email address: isuart@ilstu.edu

Director: Paul Borg.
Tenured/Tenure-track Faculty:
Distinguished Professors: Butler.
Professors: Appel, Finch, Kukla, McKinney, Mottram, Rankin, Walker.
Associate Professors: Archer, Bushell, Fisher, French, Iorio, J. Johnson, Justis, Lee, Mai, Sacaridiz, Smelser, Stewart.
Assistant Professors: Badani, Barroqueiro, Beckner, Briggs, Howard, Lermack, M. Johnson, Macdonald, Miller, O'Donnell, Oresky, Patrick, Wille, Woods.

General School Information

Accreditation:

The School of Art is accredited in Division I by the National Association of Schools of Art and Design and the National Council for Accreditation of Teacher Education.

Academic Requirements:

All incoming undergraduate students are initially enrolled in the B.A. or B.S. programs, depending on their interests. Those who wish to apply to the B.F.A. program do so no earlier than the second semester during their sophomore year. See below for further information on these degree programs and their requirements.

The School of Art expects regular class attendance and supports faculty members who choose to reduce course grades for lack of participation, including excessive absences.

C F A

HONORS IN ART

Art majors and B.F.A. candidates with superior academic records are invited to apply for admission to the School of Art Honors Program. Students successfully completing the Honors Program will receive the designation of Honors in Art in their field of study upon graduation. The student's official academic transcript and diploma will be so noted.

Admission Requirements:

The candidate must:

— Be a declared Art major or admitted to the B.F.A. program with at least 60 and not more than 90 hours of course work completed;
— Have a minimum 3.30 overall GPA;
— Have a minimum 3.50 School of Art GPA;
— Submit a letter of recommendation from a faculty member in the student's sequence (Studio Arts, Graphic Design, Art History, Teacher Education);
— Have demonstrated evidence of leadership by participating in student organizations or entering exhibitions or receiving recognition for written work;
— Submit a letter of application to the School of Art Honors advisor.

Honors Program Requirements:

— Successfully complete a minimum of 3 hours of School of Art honors courses each semester for a total of 12 honors hours prior to graduation (2 specific honors courses; 2 honors independent study—299 courses);
— Initiate and complete a research project or honors portfolio under the direction of a faculty member in the student's sequence;
— Maintain a 3.30 overall GPA;
— Maintain a 3.50 School of Art GPA;
— Receive no grade less than B in any Art course while enrolled in the program;
— Fulfill the general requirements for participation in the University Honors Program.
— **NOTE:** Once admitted to the School of Art Honors Program, the honors candidate will be advised by the School of Art honors advisor, who must approve the candidate's course of studies each semester.

Art Programs

Degrees Offered: B.A., B.S., B.F.A.

MAJOR IN ART (B.A., B.S.)

Academic Requirements:

Students seeking admission to the Major in Art must comply with criteria established by the School of Art, including submission of a portfolio of work for review by the School. Students interested in the Art History Sequence will submit a statement explaining their interest in the field, in lieu of the portfolio. Specific requirements for the portfolio and statement may be obtained from the School office.

To graduate with a Major in Art (B.A., B.S.) students must complete all requirements of one of the School of Art's Sequences: Studio Arts, Graphic Design, Art History, or Teacher Education. They must also earn grades of C or better and maintain a 2.50 GPA in all courses taken in the School of Art, in addition to maintaining a cumulative GPA of at least 2.00. Individual sequences may have higher requirements. Courses in the Major may be repeated no more than once for the purpose of attaining the necessary minimum grade. Students may not enroll for the next course in a related series until the minimum grade in the prerequisite course is achieved. Incoming transfer students must retake courses considered equivalents to courses in the Major for which they earned lower than a grade of C. Students who do not meet these criteria will be placed on probation with the School of Art; a student placed on probation more than once will be dropped from the School.

NOTE: Admission to some Sequences in Art may be restricted by the lack of available School resources, especially in times of oversubscription.

All Sequences in the Major in Art require successful completion of the Art History Core, the Foundations program appropriate to that sequence, a series of courses specific to the chosen sequence, and electives in Art. Students must complete all Sequence Foundations courses before being permitted to continue in one of the sequences in the Art major; gifted students may be allowed to take 200-level courses in their areas of interest during the freshman year, pending approval of the School. Students must also complete all Art History Core courses before they may enroll in 300-level Art History courses. Requirements for each Sequence are described below. NOTE: Some Sequences, Graphic Design for example, have screening procedures that students must pass before being accepted; information on these may be found in the School of Art office.

Students must make every effort to complete the required Foundations courses in their first three semesters in the program. Under most circumstances students will formally declare intention to enter a particular sequence in the Art major in the second semester of the sophomore year. Students will arrange to participate in screening requirements for their preferred sequence; those not accepted into competitive sequences may be reconsidered the following semester and should consult with appropriate faculty for advice before rescreening. Also in the sophomore year, students will begin enrolling in courses appropriate to their sequence of interest. In the case of the Studio Arts Sequence, this also requires declaring a specific Discipline Area in consultation with the School's academic advisor. Required courses for the various Disciplines are listed below.

Studio Arts Sequence:

Degrees offered: B.A., B.S.

The Studio Arts Sequence emphasizes both breadth and depth of competence in Studio-based Art disciplines. It expands students' horizons beyond the Foundations level with work in a variety of media and disciplines. By requiring intensive study, it develops depth within at least one Studio discipline (ceramics, drawing, glass, intaglio, lithography, metalwork and jewelry design, painting, photography, sculpture, video or wood). It likewise encourages exploration of new genres that break through traditional boundaries between disciplines and media. This sequence prepares students to work as visual arts professionals or pursue graduate studies.

- 54 hours in Art required as follows:
- 9 hours Art History Core: ART 155, 156, 257.
- 9 hours Studio Arts Foundations: ART 103, 104, 109.
- 36 hours of Sequence requirements and electives in Art, which must include:
  - 1) at least 9 hours in the chosen discipline area, along with any other courses listed below as appropriate to that discipline;
  - 2) at least 12 hours at the 200-level in various media and disciplines, including the specific courses recommended for each discipline area listed below;
  - 3) either ART 379 or 385 and at least one additional 300-level Art History course in a pre-20th century period;
  - 4) at least 6 hours in 300-level Studio courses.
- **NOTE:** ART 201, 207, 211, 307, 309 do not count toward the Studio Arts Sequence.
- **NOTE:** 300-level courses within the various Discipline Areas may be repeated.

Discipline Areas in Studio Arts: Students in the Studio Arts Sequence will choose one of the following disciplines as a means of developing extended awareness and competence through intensive engagement in a particular area of the Studio Arts. The groups of courses shown below for each discipline include: (1) the courses required within that discipline (students will normally enroll in the initial course in the sophomore year), and (2) additional courses deemed appropriate for the discipline, which students are expected to include when selecting electives. These additional courses include Studio courses that fulfill the requirements for electives in Art noted above; they may also include non-Studio or non-Art courses that serve as general electives. Students are encouraged to consult with faculty members in their Discipline Areas for advice on choosing electives that will complement their individual interests.

Ceramics: ART 228, 229 and 328; 232 and 234; 213 and 3 hours from drawing, intaglio, lithography, painting, photography, or video.

Drawing: ART 213, 214, 313 and 331; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; either 235 or 252; either 245 or 246, and 261.

Glass: ART 255, 355 and 364; 232 and 3 hours from ceramics, metalwork and jewelry design, sculpture or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Intaglio: ART 245, 345 and 347; 232 and 3 hours from ceramics, glass, metalwork and jewelry design or wood; 213 and 261.

Lithography: ART 246, 346 and 347; 232 and 3 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; 213 and 261.

Metalwork and Jewelry Design: ART 224, 225 and 324; 232 and 3 hours from ceramics, glass, sculpture or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Painting: ART 261, 262, 360 and 361; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; either 235 or 252; either 245 or 246; and 213.

Photography: ART 235, 236, 335, 383, and 6 hours from 252, 253, 333, 351.16, 356, 358; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; 3 hours from drawing, intaglio, lithography, painting or video.

Sculpture: ART 232, 233 and 332; 228 and 3 hours from ceramics, glass, metalwork and jewelry design or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Video: ART 252, 253 and at least 3 hours of 351.84; 235 and 276; 6 hours of other electives chosen in consultation with Video faculty and according to whether students' interests in Video tend toward (A) narrative, (B) installation, or (C) multimedia/digital applications. Recommended electives for these applications include: (A) ART 236, 349, 354, 356; THE 153, 170, 261, 370; or (B) ART 232, 349, 354; THE 170, 261, 370; or (C) ART 206, 301, 349, 350, 354, 356, 388; THE 261.

Wood: Art 234, 344 and 351.45; 232 and 3 hours from ceramics, glass, metalwork and jewelry design, glass or sculpture; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Restricted Admission to a Discipline Area:

In times of oversubscription and limitations on resources within the School of Art, some Discipline Areas may require faculty screening of students' supportive materials before allowing individual students to enroll in the second course in that Discipline.

Graphic Design Sequence:

Degrees offered: B.A. B.S.

The Graphic Design Sequence not only includes education in the fundamentals of Studio Art and Art History, but also a concentrated program of study that prepares students to enter the competitive field of Graphic Design.

- 54 hours in Art required, as follows:
- 9 hours Art History Core: ART 155, 156, 257.
- 9 hours Graphic Design Foundations: ART 103, 104, 109.
- 36 hours required sequence courses: ART 216, 226, 227, 235, 302, 315, 323, 326, 336, 337; 3 hours from 213, 245, 246, 252, 261, 359, 388; 3 hours from any 300-level Art History course.
- **NOTE:** ART 201, 207, 211, 307, 309 do not count toward the Graphic Design Sequence.

Admission-Retention Requirements for the Graphic Design Sequence:

Students will be admitted to the Graphic Design Sequence who have completed the Graphic Design Foundations and ART 226, be enrolled in or have completed ART 227 at the time of screening, have at least a cumulative and major 2.50 GPA, and have demonstrated competency through a portfolio review. The number of students admitted may vary depending on program capacity and qualifications of applicants in the pool. Consult the School of Art for further information on admission to the Graphic Design Sequence.

Students will be allowed to remain in the Graphic Design Sequence if they continue to maintain a cumulative and major 2.50 GPA. Students whose cumulative or major GPA falls below 2.50 will not be allowed to register for Graphic Design courses until the GPA has been raised to a 2.50 or higher.

Art History Sequence:

Degree offered: B.A.

The Art History Sequence provides students a solid grounding in the history of art on both introductory and advanced levels. In addition, the sequence includes exposure to related disciplines outside the visual arts, training in foreign language, and experience in advanced research and writing skills. Together, these requirements prepare students for effective graduate work in Art History or other fields and for positions in a variety of art- and non-art-related fields.

- 39 hours in Art required, as follows:
- 9 hours Art History Core: ART 155, 156, 257.
- 6 hours Art History Foundations: ART 140, 290.
- 24 hours required sequence courses: 24 hours of 300-level Art History courses, including ART 395 and at least 1 course from each of the following 4 broad historical periods:
  - I. Ancient/Medieval: ART 366, 367, 368, 369.
  - II. Renaissance/Baroque: ART 375, 376, 377.
  - III. Modern/Contemporary: ART 372, 373, 378, 379, 383, 385.
  - IV. American: ART 380, 381, 382.
- 21 hours required in other Departments: ENG 145; HIS 101, 102; and a minimum of 3 semesters (12 hours) French, German, Italian or Spanish.
- At least 15 additional hours electives, including 9 hours required in courses related to Art History offered by the following departments/schools: Anthropology, English, Foreign Languages, History, Music, Philosophy, Theatre. Students are encouraged to consult with Art History faculty for advice on choosing electives in Art History and in other departments that will complement their own areas of interest. Faculty are also available for consultation on preparing for graduate school.
- **NOTE:** ART 201, 207, 211, 307, and 309 do not count toward the Art History Sequence.
- **NOTE**: Students may combine Art History and Studio by declaring a second Sequence in Studio Arts and fulfilling all requirements for both sequences. This will include submitting a portfolio of art work for admission.

Admission-Retention Requirements for Art History Sequence:

Students will be admitted to the Art History Sequence who achieve grades of B or better in ART 155, 156 and 257, then pass the sequence screening requirements. See the School of Art office for more information on screening requirements. Students will be allowed to continue in the sequence if they maintain a minimum cumulative and major GPA of 2.50.

Teacher Education Sequence:

Degree offered: B.S.

The Teacher Education Sequence is a program that emphasizes a comprehensive approach that supports state and national student learning standards and teaching performance standards in the visual arts. Also stressed are creative and critical thinking, studio techniques, understanding the learner and developing skills to become an effective teacher. Students completing this sequence are eligible to apply for K-12 teaching certification in art in the State of Illinois.

— 83 hours in Art and Professional Education required. Part of entitlement program leading to certification: Special K-12. All Art majors planning to become certified teachers must apply for and be admitted to the University Teacher Education program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Grades of C or better in all Art and Education courses, and a 2.80 cumulative and major GPA are required for admission and retention in this sequence. Continuation in the Teacher Education Sequence will be determined early in the ART 211 semester, when students will be required to have an interview with Art Education faculty, submit a portfolio of work and demonstrate technological proficiency.

— 57 hours in Art required, as follows:
— 9 hours Art History Core: 155, 156, 257.
— 9 hours Teacher Education Foundations: ART 103, 104, 109.
— 33 hours required sequence courses: ART 201, 211, 307, 309 (2 consecutive semesters starting in the fall); ART 213, 228, and 261; 3 hours from ART 224, 232, 240, 255; either ART 379 or 385 and at least one additional Art History course from 100-, 200-, or 300-level--ART 140 is strongly recommended.
— 6 hours Art electives, that must be taken in a single discipline.
— 26 hours Professional Education requirements: C&I 212, 214, 216; PSY 215; EAF 228 or 231 or 235; STT 399 (12 hours - entire semester experience).

NOTE: All Teacher Education students are required to pass the State of Illinois Basic Skills Test in reading, writing, and mathematics before registering for C&I 216 and ART 309. For this reason, students should take the State of Illinois Basic Skills Test (fee required) as early as possible.

The sequence in Teacher Education may also be combined with a Sequence in Studio Arts, Graphic Design, or Art History. Pursuing a double sequence may require additional semesters. However, this option is strongly recommended to prepare students better for teaching art in the public schools of today. See catalog copy under the other sequences for further information, including Discipline Areas within the Studio Arts.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

MINOR IN ART

Students must earn grades of C or better and maintain a 2.50 GPA in all courses taken in the School of Art, in addition to maintaining a cumulative GPA of at least 2.00. Individual sequences may have higher requirements. Courses in the minor may be repeated no more than once for the purpose of attaining the necessary minimum grade. Students may not enroll for the next course in a related series until the minimum grade in the prerequisite course is achieved. Incoming transfer students must retake courses considered equivalents to courses in the minor for which they earned lower than a grade of C. Students who do not meet these criteria will be placed on probation with the School of Art; a student placed on probation more than once will be dropped from the School.

Art History Sequence:

— 24 hours in ART required, as follows:
— 12 hours required courses: ART 140, 155, 156, 257.
— 12 hours of electives in 300-level Art History courses, as follows: ART 351.30, 366, 367, 368, 369, 372, 375, 376, 377, 378, 379, 380, 381, 382, 383, 385, 395, and 398.08.

Teacher Education Sequence:

— 24 hours in Art required, as follows:
— 9 hours required courses: ART 103, 104, 109.
— 3 hours from ART 155, 156, 257.
— 3 hours of ART 309.
— 3 hours of ART 201 or 211.
— 6 hours of Art courses from 213, 224, 226, 228, 232, 234, 235, 252, 255, 261.

Provides appropriate requirements for teaching art for individuals who hold an elementary or a secondary teaching certificate.

Bachelor of Fine Arts Program

The Bachelor of Fine Arts (B.F.A.) degree program is a highly selective program oriented toward advanced professional study in the studio arts. Students accepted into this program have additional opportunities beyond those of the B.A./B.S. programs to specialize in a particular studio art discipline in preparation for graduate study for the M.F.A., the terminal degree program in this field, and/or careers in professional art fields. Further information on the B.F.A. program can be found in the School of Art office.

MAJOR IN ART

— 83 hours in Art required as follows:
— 9 hours in Art History Core: ART 155, 156, 257.
— 9 hours B.F.A. Foundations: ART 103, 104, 109.
— 20 hours required courses: 6 hours from ceramics, metalwork & jewelry design, glass, sculpture, wood; 6 hours from drawing, intaglio, lithography, painting, photography, video; ART 349, 363, and 394.
— 12 hours advanced Art History: ART 379 and 385 and any two additional 300-level Art History courses, at least one of them in a pre-20th century period.
— 33 additional hours in a specialization in any Discipline Area offered by the School and selected in consultation with the faculty mentors. (See list of Discipline Areas above, under Major in Art (B.A., B.S.), Studio Arts Sequence, in this *Undergraduate Catalog*.) A specialization that combines Discipline Areas may also be developed in consultation with and must be approved by faculty mentors and the B.F.A. Committee of the School of Art.
— **NOTE:** ART 201, 207, 211, 307, 309 do not count toward the major.

Admission-Retention Requirements for the B.F.A.

Students may apply to the B.F.A. Degree program beginning in their sophomore year. Students seeking admission to the B.F.A. program must have a minimum 3.00 cumulative and major GPA and must submit a portfolio of creative work to the School of Art for the competitive portfolio review that is part of the admission process. Further information on admission requirements for the B.F.A. program is available from the School's undergraduate academic advisor. Students will be allowed to remain in the program if they maintain a minimum cumulative and major GPA of 3.00.

To graduate with a B.F.A., all students are also required to organize and present a solo exhibition of their work during the final year. This exhibition must be accompanied by a public oral presentation, an exit portfolio and a written supportive statement approved by the student's B.F.A. faculty mentors.

ARTS TECHNOLOGY PROGRAM

The Arts Technology Program leads to a Major in Arts Technology (B.A./B.S.). The Program is sponsored by the College of Fine Arts and shared by the Schools of Art, Music and Theatre. Specifics concerning admission to the Program may be found in this catalog under the heading, College of Fine Arts.

Art Courses

The School of Art reserves the right to keep for demonstration and exhibition examples of work done by students for course requirements.

101 ART EXPERIENCES FOR ELEMENTARY SCHOOLS 2 F,S
Not for cr Art maj/min. Clin Exp: 1-5 hrs. May Incl Clin Exp: Types 1-7 and 9. Materials charge optional.
Introduction to 2- and 3-dimensional materials and procedures appropriate for elementary art learning experiences; understanding the developmental stages of child art.

103 VISUAL THINKING: 2-D FUNDAMENTALS 3 F,S
Materials charge optional. Formerly 2-D FUNDAMENTALS.
Concepts fundamental to all studio offerings. Exploration of elements and principles of visual language. Development of visual and conceptual ideas.

104 VISUAL THINKING: DRAWING FUNDAMENTALS 3 F,S
Materials charge optional. Formerly DRAWING FUNDAMENTALS.
Concepts fundamental to all studio offerings. Emphasis on direct observation, developing pictorial space and drawing concepts, practiced with traditional materials.

109 VISUAL THINKING: 3-D FUNDAMENTALS 3 F,S
Materials charge optional. Formerly 3-D FUNDAMENTALS.
Concepts fundamental to all studio offerings. Use of a variety of materials to explore fundamental 3-dimensional design concepts. Introduction to the use of hand and power tools.

140 INTRODUCTION TO THE ARTS OF THE AMERICAS, AFRICA, AND THE SOUTH PACIFIC 3 S
A cross-cultural introduction to the arts of historic North America, Mesoamerica, Sub-Saharan Africa, and the South Pacific.

155 SURVEY OF ART I 3 F,S
Arts from prehistoric times to end of Medieval period, circa 1400.

156 SURVEY OF ART II 3 F,S
Art and architecture in Western Europe from the late Middle Ages through the 18th century.

176 ARTS AND SOCIETY: VISUAL ARTS OC-FA 3 F,S
ENG 101; COM 110 req.
Examination of the relationship between the visual arts and their political/social culture.

183 PUPPETRY 3
Also offered as THE 183.
Introduction to the performance art of puppetry and its educational applications: history, staging, construction and manipulation of hand, rod, and shadow puppets.

201 MEDIA, TECHNIQUES AND INQUIRY FOR ELEMENTARY AND MIDDLE LEVEL SCHOOLS 3 F
ART 103, 104, 109 req. Art Ed maj only or cons School req. Clin Exp: 10 hrs. May Incl Clin Exp: Types 1-4, and 9. Materials charge optional.
Media, techniques, and inquiry suitable for elementary and middle level schools.

204 ARTS FOR ELEMENTARY SCHOOLS: VISUAL ART 3 F,S
El Ed maj only. Jr standing. Overall GPA 2.50 req. Materials charge optional.
Theoretical, practical, and experiential learning for developing awareness, knowledge and skills in visual art with an emphasis on integrating the arts.

206 COMPUTER ARTS PERFORMANCE STUDIO 3 S
Cons inst req. Also offered as MUS/THE 206.
Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production.

208 ARTS FOR EARLY CHILDHOOD: VISUAL ART 3 F,S
Early Childhood Ed maj only. Compl 30 hrs req. Not for cr if had C&I 283.
Theoretical, practical, and experiential learning for developing knowledge and skills in visual art with emphasis on integrating the arts.

211 MEDIA, TECHNIQUES AND INQUIRY FOR SECONDARY SCHOOLS 3 S
ART 103, 104, 109 req; Teacher Ed Seq only or cons School req. C or better in ART 201 req. Clin Exp: 10 hrs. May Incl Clin Exp: Types 1-4, and 9. Materials charge optional.
Media, techniques and inquiry suitable for secondary schools.

213 LIFE DRAWING I 3 F,S
ART 103, 104, and 109 req or cons inst and School. Materials charge optional.
Introduction to drawing the human figure from direct observation. Anatomical structure, pictorial structure and expression. Discussion and critiques.

214 DRAWING COMPOSITION 3 F,S
ART 103, 104, 109, 213 req, or cons inst and School. Materials charge optional.
Expanded concepts of drawing, alternative forms of imaging, contemporary issues and related formal concerns. Readings, discussion and critiques.

216 GRAPHIC DESIGN HISTORY 3 F
ART 155, 156, 257 req. Does not fulfill program req for Art History credit. Formerly ART 316.
Survey of Graphic Design History with an emphasis on movements, significant figures and technological advancements in the field since 1800.

224 METALWORK AND JEWELRY DESIGN I 3 F,S
ART 103, 104, and 109 req, or cons inst and School. Materials charge optional.
Introduction to the tools, techniques, and fabricating processes used for creating in metals.

225 METALWORK AND JEWELRY DESIGN II 3 F,S
ART 103, 104, 109, 224 req. Materials charge optional.
Further exploration of fabrication and casting techniques; emphasis on surface treatment such as *repousse'*, etching, lamination, and inlay.

226 GRAPHIC DESIGN I 3 F,S
ART 103, 104, and 109 req, or cons inst and School. Materials charge optional.
Basic graphic design techniques. Includes study of letter forms and design procedures. Practice in rendering skills.

227 GRAPHIC DESIGN II 3 F,S
ART 103, 104, 109, 226 req. Materials charge optional.
Application of design techniques to visual communications media. Emphasis on combining lettering with illustrational elements in preparation for reproduction processes.

228 CERAMICS I 3 F,S
ART 103, 104, and 109 req or cons inst and School. Materials charge optional.
Introduction to the physical characteristics of clay. Basic hand building and firing processes explored. Introduction to glaze processes.

229 CERAMICS II 3 F,S
ART 103, 104, 109, 228 req. Materials charge optional.
An expansion of hand building methods and the introduction of wheel-throwing techniques. Glazing and firing methods emphasized.

232 SCULPTURE I 3 F,S
ART 103, 104, and 109 req or cons inst and School. Materials charge optional.
Exploration of sculpture techniques and materials within context of historical developments. Introduction to 3-dimensional spatial concerns.

233 SCULPTURE II 3 F,S
ART 103, 104, 109, 232 req. Materials charge optional.
Further exploration of sculpture techniques and materials. Advanced 3-dimensional spatial concerns presented within a context of art historical development.

234 WOOD I 3 F,S
ART 103, 104, 109 req or cons inst and School. Materials charge optional. Formerly WOOD DESIGN I.
Studio course exploring wood as a design medium.

235 PHOTOGRAPHY I 3 F,S
ART 103, 104, and 109 req, or cons inst and School. Materials charge optional.
Photography as an art form.

236 PHOTOGRAPHY II 3 F,S
ART 103, 104, 109, 235 or cons inst req. Materials charge optional.
Further study of photography as an art form. Individual exploration of techniques and subjects.

243 SOUND DESIGN 1: PROPERTIES AND AUDIO TECHNOLOGIES 3 F
Also offered as MUS/THE 243.
Developing a basic understanding of the properties and perceptions of sound, audio technologies, and their relationship to artistic applications.

245 INTAGLIO I 3 F,S
ART 103, 104, and 109 req or cons inst and School. Materials charge optional.
Introduction to intaglio processes. Techniques such as etching, engraving, dry point, and aquatint within context of pictorial spatial understanding.

246 LITHOGRAPHY I 3 F,S
ART 103, 104, and 109 req or cons inst and School. Materials charge optional.
Introduction to lithographic processes. Techniques on stone and aluminum plates with airbrush, crayon, and tusche drawing within context of pictorial spatial understanding.

252 VIDEO I 3
ART 103, 104, 109, or cons inst and School req. Materials charge optional. Formerly VIDEO ART I.
Video as a creative medium emphasizing experimental, narrative and nonnarrative production; screenings of video art, film and television.

253 VIDEO II 3
ART 103, 104, 109, 252 req. Materials charge optional. Formerly VIDEO ART II.
Video as a creative medium emphasizing digital editing and multimedia as well as conceptual and formal strategies for personal expression.

255 GLASS I 3 F,S
ART 103, 104, and 109 req, or cons inst and School. Materials charge optional.
An introduction to the use of glass as an artist's material, concentrating on "hot-forming" processes.

257 SURVEY OF ART III 3 F,S
The major developments in European painting, sculpture, and architecture from the Romantic period, circa 1775, to the present.

261 PAINTING I 3 F,S
ART 103, 104, and 109 req, or cons inst and School. Materials charge optional.
Experimental work with variety of transparent and opaque painting media.

262 PAINTING II 3 F,S
ART 103, 104, 109, and 261 req. Materials charge optional.
Problems of pictorialization and survey of contemporary trends in painting.

275 WORLD ARTS: VISUAL ARTS OC-FA 3 F,S
ENG 101; COM 110 req; MC-LH category req. Not for cr if had ART 140.
Studies in the visual arts of cultures other than the United States mainstream and Western Europe.

276 BASIC SKILLS IN THE DIGITAL ARTS 2 F,S,Summer
Fine Arts maj/min or cons inst req. Also offered as MUS/THE 276. Materials charge optional.
Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery.

284 INTEGRATED MEDIA I 3 F,S
ART 103, 104, 109, ART/MUS/THE 276, and ART 235 or ART 252, or cons inst and School.
Intermediate digital imaging and dynamic media. Theory and assigned studio work bridging digital and traditional practices.

290 ART HISTORY RESEARCH AND PROFESSIONAL SKILLS 3 F,S
ART 140, 155, 156 and 257 or cons inst and School req.
An introduction to the discipline focusing on research skills, methods of art historical inquiry and professional practice.

301 COMPUTER ARTS APPLICATIONS 1 F,S,Summer
Cons inst req. May be repeated if cont different. Also offered as MUS/THE 301.
Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts.

302 GRAPHIC DESIGN FOR THE WEB 3 F,S
ART 103, 104, 109, 226, 227,and 326 req.
Graphic Design studio course introducing students to the concerns and design issues appropriate to web environments.

307 ART FOR DIVERSE POPULATIONS 3 S
ART 103, 104, 109 req; Art Teacher Ed Sequence, cons School req. Clin Exp:10 hrs. May Incl Clin Exp: Types 1-4, 6 and 9. Formerly ART FOR ATYPICAL INDIVIDUALS.
Various approaches to the development and conduct of appropriate art experiences in school and community programs for diverse populations.

309 PROFESSIONAL ART EDUCATION SEQUENCE 3 F,S
ART 103, 104, 109 req; C or better in C&I 216 or conc reg req. C or better in ART 201 and 211 or cons School req. Complete all req for Admission to Prof Studies including passing all sections State of Illinois Basic Skills Test. Art Ed maj only; others by cons School. Must be repeated by Art Ed maj for total of 6 hrs. 2 consecutive sem seq starting in fall. Incl Clin Exp:20 hrs. May Incl Clin Exp: Types 1-4, 6 and 9.
Sequential semesters focus on art learning theory, teaching methodology, and pre-student teaching clinical experiences in Art Education K-12.

313 LIFE DRAWING II 3 F,S
ART 103, 104, 109, 213, and 214 req. May be repeated. Materials charge optional.
Advanced study of the human figure as subject. Emphasis on concepts of figuration and media exploration. Reading and participatory critiques.

315 TOPICS IN GRAPHIC DESIGN 3 F,S
ART 103, 104, 109, 227 req. May be repeated if different topic.
Studio/seminar course covering special topics related to Graphic Design.

323 TYPOGRAPHY 3 F,S
ART 103, 104, 109, 227 req. Materials charge optional.
Advanced course which emphasizes the practical and aesthetic concerns of typography as a means of communication and visual expression.

324 METALWORK AND JEWELRY DESIGN III 3 F,S
ART 103, 104, 109, 224, 225 req. May be repeated. Materials charge optional.
Advanced metalworking with an emphasis on volume and color, including raising, *repoussé*, forging, and various enameling techniques.

325 ADVANCED METALWORK AND JEWELRY DESIGN 3 F,S
ART 103, 104, 109 224, 225, and 324 and cons inst req. May be repeated. Materials charge optional.
Elaboration upon metalworking skills previously acquired, allowing development of a strong personal direction.

326 GRAPHIC DESIGN III 3 F,S
ART 103, 104, 109, 226, 227 and acceptance into Graphic Design Sequence req. Materials charge optional.
Transition course using skills, techniques, concepts learned earlier, applying them to problems of contemporary expression. Preparation to study independently.

328 CERAMICS III 3 F,S
ART 103, 104, 109, 228, 229 req. May be repeated. Materials charge optional.
Experiences in wheel and hand building processes with an emphasis on individual exploration of ideas through ceramic media.

331 ADVANCED DRAWING 3 F,S
ART 103, 104, 109, and 214 req. May be repeated.
Transition course using the skills, techniques, and concepts learned earlier; applying them to problems of contemporary expression. Preparation to study independently.

332 SCULPTURE III 3 F,S
ART 103, 104, 109, 232, 233 req. May be repeated. Materials charge optional.
Individualized problems exploring techniques, concepts encountered earlier, now applied to problems of contemporary expression. Preparation to study independently.

333 TOPICS IN ADVANCED PHOTOGRAPHY 3 F
ART 103, 104, 109, 155, 156, 235, and 236 or cons inst req. May be repeated. Materials charge optional.
Advanced photography course focusing on different topics each semester. Seminar format with topics relating to assigned studio work. May be repeated if content differs.

334 TOPICS IN ADVANCED SCULPTURE 3 F
ART 103, 104, 109, 232, 233, 332 or cons inst and School req. May be repeated. Materials charge optional.
Advanced sculpture course focusing on a different topic each semester. Seminar format with topics relating to assigned studio work.

335 PHOTOGRAPHY III 3 F,S
ART 103, 104, 109, 235, 236 req. May be repeated. Materials charge optional.
Advanced problems in photography as an art form. Emphasis upon individual exploration of the medium. Preparation to study independently.

336 GRAPHIC DESIGN IV 3 F,S
ART 103, 104, 109, 326 req. Materials charge optional.
Advanced studio work exploring design techniques applied to advertising, packaging, and display media.

337 GRAPHIC DESIGN V 3 F,S
ART 103, 104, 109, 336 req. Materials charge optional.
Advanced Graphic Design course focusing on portfolio preparation and professional self-promotional presentation skills.

343 SOUND DESIGN 2: DIGITAL AUDIO 3 S
ART/MUS/THE 243or cons inst req. Also offered as MUS/THE 343.
Exploring the medium of computer-based audio and its relationship to artistic applications.

344 WOOD II 3 F,S
ART 103, 104, 109, 234 req. Materials charge optional.
Studio exploration of wood as a medium of personal expression.

345 INTAGLIO II 3 F,S
ART 103, 104, 109, 245 req. May be repeated. Materials charge optional.
Further study of intaglio processes with greater emphasis on intaglio as an expressive medium. Introduction to color possibilities.

346 LITHOGRAPHY II 3 F,S
ART 103, 104, 109, 246 req. May be repeated. Materials charge optional.
Further study of lithographic processes with greater emphasis on lithography as an expressive medium. Introduction to color possibilities.

347 ADVANCED PRINTMAKING 3 F,S
ART 103, 104, 109, 345 and 246, or 346 and 245 req. May be repeated. Materials charge optional.
Advanced study of printmaking. Emphasis on contemporary printmaking issues related to content, directions in printmaking, and exploration of all print media.

349 VISITING ARTIST SEMINAR 2 F,S
Art maj or cons inst req. May be repeated.
A seminar-type class, taught by visiting artists and members of the Art Department faculty, focusing upon contemporary issues of fine arts and the creative process.

350 SOFTWARE DESIGN IN THE ARTS II 3 S
ART/MUS/THE 387 or cons inst req. Also offered as MUS/THE 350.
Designing on-line digital projects for the Internet which use Web and multimedia techniques to create aesthetic models for art, music, and theatre expression.

351 SPECIAL PROJECTS IN ART 2-6 F,S
ART 103, 104, 109, Art maj and cons inst req. May be repeated. May Incl Clin Exp: Type 1-4, 6, 8, and 9. Materials charge optional.
Special projects in any area in Art, chosen by the student for advanced investigation with the written approval of the instructor. May not duplicate existing courses.

352 RENDERING FOR INTERIOR DESIGNERS 3 F,S
Not for cr Art maj/min. TEC 211 and FCS 242, or ART 103 and 104, or cons inst req. Also offered as FCS 352.
Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations.

353 COMPUTER MUSIC NOTATION 3 S
Cons inst req. Also offered as MUS/THE 353.
Comparative study of computer-based music notation software using MIDI and other note entry systems for printing musical scores.

354 SEQUENCING AND DIGITAL AUDIO 3 S
Cons inst req. Also offered as MUS/THE 354.
Study of music synthesis through MIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI.

355 GLASS II 3 F,S
ART 103, 104, 109, 255 and cons inst and School req. May be repeated. Materials charge optional.
Advanced class further exploring glass as an artist's material and addressing the application of color and "warm" glass processes.

356 COLOR PHOTOGRAPHY 3
ART 103, 104, 109, 236 or 335 and cons inst req. Materials charge optional.
An introduction to basic color photography techniques with an emphasis on color photography as a fine art medium.

357 INTEGRATED MEDIA II 3 F,S
ART 284 (ART 103, 104, 109, ART/MUS/THE 276, and ART 235 or 252) or cons of inst and School req.
Advanced interdisciplinary course exploring mediated strategies in performance, site and installation work. Includes theory and assigned studio work.

358 SOCIAL DOCUMENTARY PHOTOGRAPHY 3 F,S
Cons inst req.
Studio practice in social documentary photography. An examination of the artist's role as social observer and documentarian.

359 COMPUTER-BASED ART AND GRAPHIC DESIGN 3 F,S
ART/MUS/THE 276 or cons inst req. Also offered as THE 359. Materials charge optional.
Application of advanced 2- and 3-dimensional graphics programs to solve creative problems in the visual and theatrical arts.

360 PAINTING III: NON-REPRESENTATIONAL ABSTRACTION 3 F,S
ART 103, 104, 109, 262 req. Materials charge optional. Formerly ART 263.
Introduction to abstraction, forming content through non-representational imagery. Possible inclusion of digital imagery. Reading and participatory critiques.

361 PAINTING IV 3 F,S
ART 103, 104, 109, 261, 262, and 263 or 360 req. May be repeated.
Transitional course. Students encouraged to explore personal directions in close consultation with instructor. Preparation for study on an independent basis.

362 AQUEOUS MEDIA 3 S
ART 103, 104, 109, 261 req. Formerly WATERCOLOR I. Materials charge optional.
Watercolor as an expressive medium. Techniques and study of masters of watercolor; emphasis on creating pictorial space by illusion, color, and the use of transparency.

363 COLOR THEORY 3 F
ART 103, 104, 109 req.
Theoretical and historical premises for making work organized by color, emphasizing interaction of surface color and light.

364 ADVANCED GROUP STUDIES IN GLASS 3 F,S
ART 103, 104, 109, 255 and 355 or cons inst req. May be repeated. Materials charge optional.
A studio/seminar format class, dealing with image/object realization, and the development of greater verbal, written and visual articulation skills.

366 ART OF THE ANCIENT NEAR EAST 3
ART 155, 156, 257 or cons inst and School req.
Art and architecture of early civilizations of Egypt, Mesopotamia, and peripheral areas from circa 8000 B.C. to circa 300 B.C.

367 GREEK ART 3 F
ART 155, 156, 257 or cons inst and School req.
Greek art and architecture from circa 1500 B.C. through the Hellenistic period.

368 ROMAN ART AND ARCHITECTURE 3 S
ART 155, 156, 257 or cons inst and School req.
Roman art and architecture in Italy and the provinces from the late Republic through the early 4th century A.D.

369 HISTORY OF MEDIEVAL ART AND ARCHITECTURE 3
ART 155, 156, 257 or cons inst and School req.
Art and architecture of Europe from circa 500 A.D. to the Renaissance.

372 MODERN ARCHITECTURE I 3 F
ART 155, 156, 257 or cons inst and School req.
European and American architecture since the Industrial Revolution to the late 19th century.

373 MODERN ARCHITECTURE II 3 S
ART 155, 156, 257 or cons inst and School req.
European and American architecture and its impact on the world from 1900 to the present.

375 ITALIAN RENAISSANCE ART AND ARCHITECTURE 3
ART 155, 156, 257 or cons inst req. Formerly ITALIAN RENAISSANCE ART.
Art and architecture in Italy form the late Middle Ages through the 16th century.

376 NORTHERN RENAISSANCE ART 3
ART 155, 156, 257 or cons inst req.
Painting and sculpture in France, Flanders, and Germany from the late Middle Ages through the 16th century.

377 BAROQUE AND ROCOCO ART AND ARCHITECTURE 3
ART 155, 156, 257 or cons inst req. Formerly HISTORY OF BAROQUE AND ROCOCO ART.
Art and architecture in Western Europe from the late 16th through the 18th century.

378 ART IN EUROPE FROM THE AGE OF ROMANTICISM THROUGH IMPRESSIONISM 3
ART 155, 156, 257 or cons inst and School req. Formerly HISTORY OF NINETEENTH-CENTURY ART AND ARCHITECTURE.
Art in Europe from the mid-18th century to c. 1885.

379 MODERN ART 3
ART 155, 156, 257 or cons inst and School req.
Painting and sculpture in Europe and America from the late 19th century to 1970.

380 ART IN THE UNITED STATES I: COLONIAL ERA TO THE EARLY REPUBLIC 3
ART 155, 156, 257 or cons inst and School req.
Art and architecture in the regions of North America that became the United States from c. 1600-1825.

381 ART IN THE UNITED STATES II: ROMANTICISM TO EARLY MODERNISM 3
ART 155, 156, 257 or cons inst and School req.
Art and architecture in the United States from about 1825 to 1930.

382 ART IN THE UNITED STATES III: FROM THE DEPRESSION TO 1970 3
ART 155, 156, 257 or cons inst and School req.
Complex artistic developments, especially in painting and sculpture, which occurred in American art from the Depression era to 1970.

383 HISTORY OF PHOTOGRAPHY 3
ART 155, 156, 257 or cons inst and School req.
Important photographers and the major aesthetic and technical developments of photography from 1840 to present.

385 RECENT DEVELOPMENTS IN ART: 1970 TO THE PRESENT 3 S
ART 155, 156, 257 or cons inst and School req.
An examination of major international visual artists and the role of public and private institutions within the contemporary arts world.

386 TOPICS IN ART HISTORY 3
ART 155, 156 and 257 or cons inst req. May be repeated if topic is different, max 6 hrs.
Advanced course in the history of art focusing on different themes, periods, or issues each semester.

387 SOFTWARE DESIGN IN THE ARTS I 3
Also offered as MUS/THE 387. Materials charge optional.
Designing and programming microcomputer-based software which solve particular applications problems in the fine arts.

388 SELECTED TOPICS IN ARTS TECHNOLOGY 3
Also offered as MUS/THE 388. May be repeated if content different. Materials charge optional.
Varied emphases reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts.

394 BFA SEMINAR 3 F,S
ART 103, 104, 109 and acceptance into the BFA program or cons inst and School req. May be repeated if topic differs.
Seminar for investigating ideas and issues in contemporary art and building critical thinking, reading and research skills for BFA students.

395 UNDERGRADUATE SEMINAR IN ART HISTORY 3 S
Successful completion of at least one 300-level Art History course and cons inst req. May be repeated if content different.
Intensive study of an announced topic in art history, emphasizing methodology, original research, and various art historical approaches to specified works, artists, themes, styles, or issues.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN ART 1-8 F,S
May be repeated; max 16 hrs. Cons school director req.
Supervised work experience.

398.02 PROFESSIONAL PRACTICE: INTERNSHIP IN ART: DESIGN

398.05 PROFESSIONAL PRACTICE: INTERNSHIP IN TEACHING ART
May Incl Clin Exp: Type 1-4, 6, and 9.

398.07 PROFESSIONAL PRACTICE: INTERNSHIP IN PHOTOGRAPHY

398.08 PROFESSIONAL PRACTICE: INTERNSHIP IN MUSEUM/GALLERY

398.09 PROFESSIONAL PRACTICE: COOPERATIVE EDUCATION/ INTERNSHIP IN ARTS MICRO-COMPUTER APPLICATIONS 2-6 F,S
ART/MUS/THE 276; 1 course selected from MUS 211, ART/THE 359, or ART/MUS/THE 387. Jr/sr standing in area of concentration; 2.50 GPA req.
Cooperative education/internship providing the opportunity to apply knowledge of microcomputer arts applications in arts agencies, business, and/or education settings.

MUSIC (MUS) 566

230 Centennial East, (309) 438-7631
Web address: www.illinoisstate.edu/finearts

Director: James Major.
Tenured/Tenure-track Faculty:
Professors: Block, Boitos, Borg, Dicker, DiGiammarino, Koehler, Larsen, A. Major, J. Major, Modos, Snyder, Steele, Williams.
Associate Professors: Aduonum, Carlson, Feurzeig, Gentry, Koch, McCord, Morenus, Neisler, Parsons, Risinger, Stokes, Vought.
Assistant Professors: Belongia, Collier, Favis, Forbes, Fredstrom, Gresham, Hollingsworth, Labonville, Marko, Ropp, Smith, Stäblein.

General School Information

Curricular Requirements/School Requirements:

Music students are bound by the requirements in this *Undergraduate Catalog* and those found in the *School of Music Student Handbook.*

Admission Auditions:

All students who intend to major in Music at Illinois State University are expected to have previous music experiences. Prior to acceptance as a Music major or minor, all students must pass a performance audition on their major instrument or voice. Information concerning admission auditions is available from the School of Music.

Former Illinois State University B.M.E., B.A./B.S., and B.M. students seeking readmission to the Music Major must meet the following criteria:

— Successful re-audition or permission of the appropriate applied area (unless applied requirement has already been met) and permission of the appropriate degree advisor.
— For all students whose course work has made them eligible (enrollment in 204 or equivalent); for others a 2.00 GPA in the theory/history core and applied music.
— A history of success in lab ensemble and recital attendance.

If a student does not meet all the requirements, the academic advisor will recommend to the Director of the School of Music whether or not the student should be readmitted, with the final decision resting with the Director.

Piano Requirements:

All students pursuing a Music major degree program are required to demonstrate a level of piano proficiency equivalent to that outlined for Level III of Group Instruction Piano unless stated otherwise for a specific degree or sequence. A syllabus of proficiency requirements is available in the Music Office or from the Group Piano Coordinator. All B.M.E. students and candidates for teacher certification are required to pass a piano proficiency exam prior to admission to Professional Studies.

Performing Organization Requirements:

All students pursuing a Music major degree program are required to participate and earn a passing grade in a major music-performing organization each semester they are enrolled in the University until the ensemble requirement is completed for their chosen degree sequence.

B.M.E. majors are exempt from this requirement during the semester of Student Teaching; Music Therapy majors are exempt from this requirement during the semester of their internship; Music Business majors are exempt from this requirement during the semester of their internship. Music Business majors may also receive an exemption by completing their internship during the summer session.

To receive an ensemble exemption for a summer internship, the student must successfully complete the internship before receiving an exemption for the following school year. If the summer internship is the only remaining requirement for the degree, an ensemble exemption for the semester preceding that summer internship may be obtained by approval from the Director of the School of Music. Students who have completed 2 credit hours of internship (MUS 298.03) may choose to be exempt from 1 additional ensemble in a subsequent semester for a total not to exceed 2 ensemble credits.

Specific performing organization participation requirements are indicated below for each of the Music major degree programs. A major opera role may be substituted for one performing organization by juniors and seniors upon approval of the Director of the School of Music as a result of a written request signed by the student, the applied teacher, and the opera director. A maximum of 12 hours in Music performing organization credit is applicable to any Music degree. **NOTE: Only 1 music-performing organization per semester will be counted towards the requirements for the completion of any Music degree program. The ensemble should relate to the student's applied area.** Students must be enrolled in MUS 110 each semester on campus up to the total number of semesters required for the particular degree program.

Enrollment Limitations:

Enrollment in some Music courses is limited to those students who have had auditions or who have secured the permission of the appropriate coordinator. Information concerning these course enrollment limitations is available from the School of Music.

Musical Instrument Storage:

In the event that students choose to store musical instruments on campus in any building operated by the University, they hereby waive any and all liability of the University and its employees for the loss of or damage to such musical instruments by any cause whatsoever, including, but not limited to, fire, water, windstorm, or any other casualty, theft, or dampness or dryness of the air.

Music Programs

Degrees Offered: B.A., B.S., B.M.E.

MAJOR IN MUSIC

— 40 hours in Music required.
— Required courses: MUS 101, 102, 103, 107, 108, 201, 207, 212, 216, 253, 254; one course chosen from 213, 214, or 219; one course chosen from 220, 221, or 222; at least 4 semesters of Applied Music (may include Group Instruction Voice or Piano); 8 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 8 semesters); 8 hours of performing organizations;
— Students must be enrolled for 1 hour credit in Wind Symphony, Symphonic Band, Jazz Ensemble I or II, Marching Band, Symphony Orchestra, Civic Chorale, University Choir, Women's Choir, Concert Choir, Encore (Vocal Jazz Ensemble), Madrigal Singers, Opera Practicum or Guitar Ensemble (for guitar majors only) for at least 8 semesters.

Music Business Sequence:

Degree Offered: B. S.

— 25-27 hours required.
— MUS 298.03 (2 hours) **NOTE**: This may be 2 of the 8 hours in music performing organizations required in the BA/BS in Music curriculum.
— Music course (3 hours): MUS 175.
— Six (6) hours chosen from MUS 206, 301, 354, and 388.
— ECO 105 (4 hours).
— Select twelve (12) hours of approved electives such as: THE 342, THE 344, THE 345; MQM 220, 328, 329; MKT 230.

Musical Theatre Sequence:

Degree Offered: B.A.

— 25 hours required.
— 2 hours Theatre Practicum (THE 102) and 2 hours of Opera Practicum (MUS 165).
NOTE: This may be 4 of the 8 hours in music performing organizations required of B.A. in Music majors.
— A qualifying performance audition is required for all incoming students needing to enroll in THE 105, 106, 119, and 120. Students who are deficient in dance technique may have to take courses at a lower level. Deficiency hours will be above the hours required for this sequence. Information concerning qualifying auditions is available from the School of Theatre.
— Required courses: THE 100, 102, 105, 106, 110, 113, 237, 314.08, 322; one course chosen from THE 119 or 120.

MINOR IN MUSIC

— 24 hours in Music required.
— Required courses: MUS 101, 102, 107, 108, 212.
— All students pursuing a Music Minor degree are required to demonstrate a piano proficiency equivalent to that outlined for Level II Group Piano Instruction; 4 semesters of Applied Music (may include Group Instruction Voice or Piano); 4 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 4 semesters); 4 semesters of performing organizations.
— Students must be enrolled for 1 hour credit in Wind Symphony, Symphonic Band, Jazz Ensemble I or II, Marching Band, Symphony Orchestra, Civic Chorale, University Choir, Women's Choir, Concert Choir, Encore (Vocal Jazz Ensemble), Madrigal Singers, Opera Practicum or Guitar Ensemble (for guitar majors only) for at least 4 semesters.

MAJOR IN MUSIC EDUCATION

Core Requirements and Sequences:

— Complete core requirements of MUS 101, 102, 103, 107, 108, 201, 207, 212, 216, 253, 254.
— Electives: Choose one from MUS 213, 214, 219.
Choose one from MUS 220, 221, 222.
— Additional core requirement: MUS 167.
— Choose from one of the following sequences: Choral-General-Vocal, Choral-General-Keyboard, Instrumental-Band, Instrumental-Orchestra.
— The four sequences are part of the entitlement program leading to the Special Teaching K-12 Music Certificate in the State of Illinois.
— Complete 14 hours of Applied Music and at least 7 hours of performing organizations.
— Designated special methods courses in each of the 4 sequences (Choral-General-Vocal, Choral-General-Keyboard, Instrumental-Band, Instrumental-Orchestra) require Clinical Experiences and are taken throughout the degree program.

Piano and Applied Music Requirements:

— Students are required to demonstrate a level of piano proficiency equivalent to that outlined for Level IV of Group Piano Instruction prior to admission to Music Education. **NOTE:** A syllabus of proficiency requirements is available in the School office or from the Music Education or Group Piano Coordinator. Piano may be studied in Group Instruction 122 or in Applied Piano 135/235. A maximum of 8 hours is allowed for taking piano in Group Instruction.
— Students are required to study applied music on their major instrument for 5 to 7 semesters, depending on the sequence.
— Students are required to take at least 1 semester of 200-level Applied Music prior to student teaching.
— Students are required to perform a half (30 minute) senior recital prior to student teaching.

Professional Education Requirements:

— C&I 210 and 212 must be taken prior to the special methods in Music courses and include Clinical

Experience; EAF 228, 231, or 235 must be taken prior to student teaching.
— Special Methods courses include: MUS 162, 195, 260, 261, 262, 263, 266, 267, 271. **NOTE:** All Special Methods courses include clinical experience. Except for MUS 162 and 195, all Special Methods courses require Admission to Professional Studies.
— Grade of C or higher required.

Core Music Education Requirements:

— All Music Education students are required to take the following courses: MUS 195, 260, 262, 266, 267 and 1 hour in jazz selected from MUS 139.70/239.70, 139.71/239.71, 218, or 330.90 (depending on sequence).

Choral-General-Vocal Sequence:

— In addition to the Professional Education requirements, 66 hours in Music required as follows.
— Required courses: Music and Music Education core requirements and a minimum of 2 semesters of Group or Applied Piano and 5 semesters of Applied Voice; MUS 127 or 128; 162, 263, 267, 268.
— Students must be enrolled for 1 hour of credit in University Choir, Women's Choir, Concert Choir, Vocal Jazz Ensemble, Opera Practicum, or Madrigal Singers for at least 7 semesters.
— Students must enroll in University Choir or Concert Choir for a minimum of 4 semesters and Opera Practicum for 1 semester.
— A maximum of 1 semester of Vocal Jazz Ensemble may count toward graduation.

Choral-General-Keyboard Sequence:

— In addition to the Professional Education requirements, 66 hours in Music required as follows.
— Required courses: Music and Music Education core requirements and a minimum of 2 semesters of Group or Applied Voice and 5 semesters of Applied Piano; MUS 240 (2 hours); 162, 263, 267, 268.
— Students must be enrolled for 1 hour credit in University Choir, Women's Choir, Concert Choir, Vocal Jazz Ensemble, Opera Practicum, or Madrigal Singers for at least 7 semesters.
— Students must enroll in University Choir or Concert Choir for a minimum of 4 semesters and Opera Practicum for 1 semester.
— A maximum of 1 semester of Vocal Jazz Ensemble may count toward graduation.

Instrumental-Band Sequence:

— In addition to the Professional Education requirements, 67 hours in Music required as follows.
— Required courses: Music and Music Education core requirements and MUS 104, 105, 115, 116, 117, 161, 261, 269.
— Students must be enrolled for 1 hour credit in Wind Symphony, Symphonic Band, Jazz Ensemble I or II, Marching Band, or Symphony Orchestra for at least 7 semesters.
— Students must enroll in a minimum of 2 semesters of Marching Band and 2 semesters of a concert band (Wind Symphony or Symphonic Band).

Instrumental-Orchestra Sequence:

— In addition to the Professional Education requirements, 65 hours in Music required as follows.
— Required courses: Music and Music Education core requirements and MUS 104, 105, 115, 116, 117, 269, 271.
— Students must be enrolled for 1 hour credit in Symphony Orchestra for 7 semesters.

Student Teaching:

At least 10 weeks (8 hours) (STT 399.28) of student teaching are required; 16 weeks (16 hours) (STT 399.28) are recommended.

Admission-Retention Requirements for the Teacher Education Sequence in Music Education

Selective Admission:

All Music Education students planning to become certified teachers must apply for and be admitted to the University's Professional Studies program (see Teacher Education Admission-Retention program section of this *Undergraduate Catalog*). Upon applying for admission, a Music Education student must also have verified the following:

1. File departmental application for admission to Music Education and complete an interview with Music Education faculty.
2. A minimum cumulative GPA of 2.75 overall and in all Music courses including all Professional Education courses.
3. Satisfactory completion of Piano Proficiency Exam or completion of Level 4–Group Piano with grade of B or better (the entire final exam for Level 4 must be passed successfully).
4. Recommendation for Admission to Professional Studies by the Music Education faculty.

Selective Retention:

In order to be retained in the Music Education program and to receive departmental approval for a student teaching assignment, the following requirements must be met:

1. Maintain a GPA of 2.75 in all courses and in all Music Education courses including Professional Education.
2. Be recommended for student teaching by the Music Education faculty.
3. Interview with the Coordinator of Student Teaching and/or Music Education faculty.
4. Complete at least 1 semester of Applied Music at the 200-level.
5. Acquire a minimum grade of C in all Music Education courses including Professional Education courses.
6. File College of Education and departmental applications for student teaching.

Graduation Requirements:

A cumulative and major GPA of 2.75 must be maintained.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

Music Program

Degree Offered: B.M.

Admission into the B.M. program is by special audition.

MAJOR IN MUSIC

— 68 hours of Music required.
— Required courses for all sequences except Music Therapy (for requirements, see Music Therapy Sequence): MUS 101, 102, 103, 107, 108, 167, 201, 207, 212, 216, 253, 254, 1 course selected from 213, 214, 219; 1 course selected from 220, 221, or 222; 2 courses selected from among MUS 355 (*355.01, 355.02, 355.03, 355.04)*, 356 (*356.01, 356.02)*, 391, 392, 394, 395, 396; 1 Applied Music course on the major instrument each semester including the successful completion of at least 1 semester of 200-level Applied Music; 8 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 8 semesters). In addition, students must be enrolled for 1 hour of credit each semester they are in residence in Wind Symphony, Symphonic Band, Marching Band, Jazz Band, Symphony Orchestra, University Choir, Women's Choir, Civic Chorale, Concert Choir, Encore (Vocal Jazz Ensemble), Madrigal Singers, Accompanying (for keyboard majors only) or Guitar Ensemble (for guitar majors only).
— Student also selects 1 of the 6 following sequences and completes requirements of that sequence. For students who select the Keyboard-Instrument, Voice-Performance, Classical Guitar Performance, or the Band and Orchestra Instruments Sequence, the requirements are: 3 semesters of 200-level Applied Music, a half (30 minute) junior recital, and a full (60 minute) senior recital.

Music Composition Sequence:

— 8 hours in Music 205.
— Music 303 and 304.
— Electives to complete 68 hours.

Keyboard Performance Sequence (Piano, Organ, Harpsichord):

— 4 hours of Keyboard Pedagogy and Literature (MUS 330).
— 2 hours of functional keyboard skills and sight-reading (MUS 122.50).
— 4 hours of Accompanying (MUS 240). **NOTE:** This may be 4 of the 8 hours in Music performing organizations required of B.M. majors.
— Electives to complete 68 hours.

Voice Performance Sequence:

— MUS 127, 128, and 2 hours in Vocal Pedagogy and Literature (MUS 330).
— Electives to complete 68 hours.
— Voice students enrolled in Encore must also participate in another choral ensemble.
— 2 semesters of Opera Practicum.
— Voice students enrolled in Opera Practicum must also participate in a major choral ensemble.

Band and Orchestra Instruments Performance Sequence:

— 2 hours in Pedagogy and Literature on appropriate instrument (MUS 330).
— Electives to complete 68 hours.

Classical Guitar Performance Sequence:

— 4 hours of Pedagogy and Literature (MUS 330).
— 2 hours of Guitar Fingerboard Harmony (MUS 215).
— 6 hours of Guitar Ensemble (MUS 139.85/239.85).
— 2 hours of Music performing organizations other than Guitar Ensemble.
— Electives to complete 68 hours.

Music Therapy Sequence:

A student who completes the requirements listed below, including a 6-month internship, will be eligible to take the Certification Board for Music Therapists, Inc. exam. The prospective Music Therapy student is encouraged to contact the Director of the Music Therapy program in the School of Music before beginning course work.

— Core requirements: MUS 101, 102, 103, 107, 108, 167, 201, 207, 212, 216, 253, 254.
— One course selected from 213, 214, or 219.
— One course selected from 220, 221, or 222.
— 7 hours of Music Performing Organizations.
— 2 hours from the following: MUS 104, 105, 115, 116, 162.
— 8 hours of Applied Music Study.
— Sequence requirements: MUS 117, 118, 122.30, 126, 194, 294, 298.01 (4 hours), 340, 341, 360, 398 (2 hours); PSY 110, 213, 346, 350.
— 7 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 7 semesters).
— **NOTE:** A competency test is required in guitar and piano. Students whose major applied instrument is percussion, guitar, piano or voice are required to substitute other group instrument classes (MUS 111 - 116 or 162) for the required group class representing their major instrument.

ARTS TECHNOLOGY PROGRAM

The Arts Technology Program leads to a Major in Arts Technology (B.A./B.S.). The Program is sponsored by the College of Fine Arts and shared by the Schools of Art, Music and Theatre. Specifics concerning admission to the Program may be found in this catalog under the heading, College of Fine Arts.

Music Courses

101 MUSIC THEORY 2 F
Music maj/min only or cons school director req.
Principles of rhythmic, melodic, and harmonic syntax in the common practice period. Emphasis on diatonic analysis and composition.

102 MUSIC THEORY 2 S
MUS 101 or cons Theory Coord req.
Continuation of common practice syntax; emphasis on formal analysis and composition of common practice idioms.

103 COMPUTER SKILLS FOR MUSICIANS 1 F,S
MUS maj only.
Introduction to computer music notation, MIDI sequencing, and digital audio.

104 GROUP INSTRUCTION IN BRASS 1 F,S
MUS maj only. Incl Clin Exp: 5 hrs; Type 1-5, 9. Not for cr if had MUS 111, 112.
Introduction to the playing and pedagogy of brass instruments (trumpet, horn, trombone, euphonium, tuba).

105 GROUP INSTRUCTION IN STRINGS 1 F,S
MUS maj only. Incl Clin Exp: 5 hrs; Type 1-5, 9. Not for cr if had MUS 113 or 114.
Introduction to the playing and pedagogy of stringed instruments (violin, viola, cello, string bass).

107 GROUP INSTRUCTION IN BASIC MUSICIANSHIP I 1 F,S
MUS maj/min only or cons inst req.
Introduction and cultivation of fundamental aural (ear-training) and sight-singing (solfege) skills.

108 GROUP INSTRUCTION IN BASIC MUSICIANSHIP II 1 F,S
MUS 107 or cons Theory Coord req.
Continuation of skill building in ear-training and sight-singing; expansion of solfege techniques.

110 RECITAL ATTENDANCE F,S
MUS maj/min only. May be repeated. CR/NC only.
Develop an understanding of musical styles and skills as a more discriminating listener.

115 GROUP INSTRUCTION IN SINGLE REED INSTRUMENTS/FLUTE 1 F,S
MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.
Introduction to the playing and pedagogy of single reed instruments (clarinet and saxophone) and flute.

116 GROUP INSTRUCTION IN DOUBLE REED INSTRUMENTS 1 F,S
MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.
Introduction to the playing and pedagogy of double reed instruments (bassoon and oboe).

117 GROUP INSTRUCTION IN PERCUSSION 1 F,S
MUS maj/min only. Incl Clin Exp: 5 hrs Type 1-5, 9.
Practical instruction in playing and methods of teaching percussion instruments.

118 BEGINNING GUITAR 2 F,S
Student must supply acoustic guitar.
Elements of basic acoustic guitar; simple chords and melodies.

119 INTERMEDIATE GUITAR 2 S
MUS 118 or cons inst req. Student must supply acoustic guitar.
Further development of guitar playing skills, including note reading in higher positions, movable chords, fingerpicking, and an introduction to improvisation.

121 GROUP INSTRUCTION IN PIANO 2 F,S
For students who have had little or no formal piano study and who are not Music maj/min. Enrollment and placement only by cons Group Piano Coord. May be repeated if content differs.
Harmonization, sight-reading and transposition, technical studies, and solo and ensemble repertoire.

122 GROUP INSTRUCTION IN PIANO 2 F,S
MUS maj/min with little or no keyboard skills. Enrollment and placement by cons Group Piano Coord. A syllabus of piano proficiency requirements is available from the Music Office and the Group Piano Coord. May be repeated if content differs; max 8 hrs.

126 GROUP INSTRUCTION IN VOICE 2 F,S
May be repeated. Cons inst req.
Practical instruction in singing in English and Italian. Successful completion of MUS 126 or audition before members of voice faculty is prerequisite for admission to MUS 137.

127 FOREIGN LANGUAGE DICTION FOR SINGERS 2 S
MUS 126 or conc reg in MUS 126, 137, or 237.
German and French diction through the study of art songs in both languages.

128 DICTION FOR SINGERS: ITALIAN AND ENGLISH 2 F
MUS 126 or conc reg in MUS 126, 137, or 237.
Italian and English stage diction for singers, using the International Phonetic Alphabet.

131-138 APPLIED MUSIC 2 or 3 ea F,S
May be repeated. Cons appropriate coord 1 sem in advance of reg req. Prereq for MUS 137 described in narrative for MUS 126.
131, Brass; 132, Harpsichord; 132.10 Harp; 133, Organ; 134, Percussion; 135, Piano; 136, Strings; 136.80, Guitar; 137, Voice; 138, Woodwinds.

139 ENSEMBLE 1-2 F,S
May be repeated.
Study and performance of chamber and small music ensembles in a variety of combinations of instruments.

152 EXPERIENCING MUSIC OC-FA 3 F,S, Summer
COM 110; ENG 101 req.
Examination of the structures of various musical forms through listening, discussion, and attendance at performances. Content may vary.

153 BLACK MUSIC I OC-FA 3 F
ENG 101; COM 110 req.
A survey of musical elements and cultural contexts that define Black folk music in Africa, the Caribbean, and the United States of America.

154 BLACK MUSIC II OC-FA 3 S
ENG 101; COM 110 req.
A survey of musical elements and cultural contexts that define Black contemporary music such as jazz, rhythm and blues, rap, vodou jazz, afro-beat, and calypso.

161 MARCHING BAND TECHNIQUES 2 F
Conc reg with participation in Marching Band.
Marching Band organization: field show planning and design.

162 INTRODUCTION TO INSTRUMENTAL INSTRUCTION 2 F
Incl Clin Exp: 10 hrs, Type 1-5, 9.
Introduction to the playing and pedagogy of brass, woodwind, string, and percussion instruments for choral-general music education students.

165 OPERA PRACTICUM 1 F,S
By audition/cons instr. May be repeated.
Experience in opera/musical theatre staging and performance. Work ranging from set construction to leading roles.

167 BASIC CONDUCTING 2 F,S
Fundamentals, score reading, rehearsal procedures, and practical experience in work with choral and instrumental media.

175 INTRODUCTION TO THE MUSIC INDUSTRY 3 F
Exploring the various facets of the music and entertainment industry, including an historical background.

176 ARTS AND SOCIETY: MUSIC OC-FA 3 F,S
ENG 101; COM 110 req.
Examination of the relationship between music and politics/culture.

180-188 PERFORMING ORGANIZATIONS 1 F,S
Max 12 hrs of 180-188 and 280-288 may be counted toward a Music degree.
Participation in the large musical organizations; 180, University Choir; 181, Wind Symphony, Symphonic, University, Pep or Marching Band; 182, Symphony Orchestra; 183, Chamber Wind Ensemble; 184, Concert Choir; 186, Women's Choir; 188, Civic Chorale.

194 PRINCIPLES OF MUSIC THERAPY 3 F
Not for cr if had former MUS 190, 191, and 192. Field observations req.
Introduction to music as a therapeutic agent in the rehabilitation and reorganization of the human being into social life. A survey of the history of the American Music Therapy Association is included as well as the processes and principles of music therapy as used by practicing music therapists.

195 INTRODUCTION TO MUSIC EDUCATION 2 F
Music Ed maj only. Incl Clin Exp: 10 hrs; Type 1-5, 9.
Theory/practice of music education, philosophy, musical development, learning theories, curriculum and planning, classroom management, assessment, and students with disabilities.

201 MUSIC THEORY 2 F
MUS 102 or cons Theory Coord req.
Study of tonal harmony from Bach to present-day popular music.

205 COMPOSITION 2 F,S
Cons inst req. May be repeated.
Developing individual creative talents of students in musical composition in acoustic and electro-acoustic media.

206 COMPUTER ARTS PERFORMANCE STUDIO 3 S
Cons inst req. Also offered as ART/THE 206.
Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production.

207 GROUP INSTRUCTION IN BASIC MUSICIANSHIP III 1 F,S
MUS 108 or cons Theory Coord req. (Not for cr if had MUS 203 for 6 hrs.)
Continuation of MUS 108 with introduction of chromaticism, more complex rhythms, and harmonic dictation using 7th chords.

212 INTRODUCTION TO MUSIC LITERATURE 3 F
MUS 102 or cons inst req.
Introduction to important musicians, genres, styles, and terminology supporting the study of music in history and cultures.

213 JAZZ-ROCK AURAL SKILLS 1 S
MUS 207 or cons Theory Coord. req.
Development of sight-singing, keyboard, and dictation skills required for the performance and transcription of jazz and rock music.

214 TRANSCRIPTION 1 S
MUS 207 or cons Theory Coord req.
Transcription of recorded music in a variety of popular, historical Western, and non-Western styles.

215 GUITAR FINGERBOARD HARMONY 2
3 sem of Applied Guitar (MUS 136.80/236.80) or cons inst req.
A comprehensive exploration of the guitar fingerboard through the study of scales, arpeggios, intervals, chords, and sight reading.

216 NON-WESTERN MUSIC LITERATURE 2 S
MUS 212 or cons Theory Coord req.
A survey of the music of non-Western cultures, examining how these societies organize music as sound and music as culture.

218 JAZZ IMPROVISATION 1-2 F,S
C or better in MUS 203 and 204. Music maj/min only.
Current methods and materials for developing jazz and jazz-based improvisational abilities in performers and teachers.

219 ADVANCED SIGHT SINGING 1 S
MUS 207 or cons Theory Coord req.
Continuation of the sight-singing portion of MUS 207 with emphasis on vocal literature and on performance of more complex rhythms.

220 ANALYSIS THROUGH COMPOSITION 2 S
MUS 103 and MUS 201 req, or MUS 201 and conc reg in MUS 103 req.
Study of tonal and post-tonal styles through original composition based on stylistic models including Mozart, Debussy, Schoenberg, Broadway, Techno.

221 TWENTIETH-CENTURY TECHNIQUES 2 S
MUS 103 and MUS 201 req, or MUS 201 and conc reg in MUS 103 req.
Study of twentieth-century concert music including modes, atonality, set theory, serialism, minimalism, and rhythmic theory.

222 THEORETICAL FOUNDATIONS OF JAZZ AND ROCK MUSIC 2 S
MUS 103 and MUS 201 req, or MUS 201 and conc reg in MUS 103 req.
Study of scales, rhythmic structure, harmony, and melody of jazz and rock music, including analysis and arranging projects.

231-238 APPLIED MUSIC 2 or 3 ea F,S
May be repeated. Cons of appropriate coord 1 sem in advance of reg req.
231, Advanced Brass; 232, Advanced Harpsichord, 234, Advanced Percussion; 235, Advanced Piano; 236, Advanced Strings; 236.80 Advanced Guitar; 237, Advanced Voice; 238, Advanced Woodwinds.

239 ENSEMBLE 1-2 F,S
May be repeated.
Study and performance of chamber and small music ensembles in a variety of combinations of instruments.

240 ACCOMPANYING 1 F,S
May be repeated.
Technique and skills of accompanying singers and instrumentalists, including experience in providing accompaniments for other students.

243 SOUND DESIGN 1: PROPERTIES AND AUDIO TECHNOLOGIES 3 F
Also offered as ART/THE 243.
Developing a basic understanding of the properties and perceptions of sound, audio technologies, and their relationship to artistic applications.

253 MUSIC HISTORY UNTIL 1750 3 F
MUS 216 or cons Theory Coord req.
Developments, trends, styles, genres, and significant composers in Western music history from the Greeks to the time of Bach and Handel.

254 MUSIC HISTORY SINCE 1750 3 S
MUS 216 or cons Theory Coord req.
Developments, trends, styles, genres, and significant composers from the Classical period through the 20th century.

260 ELEMENTARY/JUNIOR HIGH TEACHING METHODS: INSTRUMENTAL MUSIC 2 S
C or better in C&I 210 and 212 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Prof Studies req. Formerly ELEMENTARY/JUNIOR HIGH TEACHING METHODS: BAND.
Current methods and materials for the teaching of grades 4-8 instrumental music.

261 SECONDARY TEACHING METHODS: BAND 2 F
C or better in C&I 210 and 212 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Professional Studies req.
Current methods and materials for the teaching of 9-12 instrumental music.

262 ELEMENTARYTEACHING METHODS: GENERAL MUSIC 2 F
C or better in C&I 210 and 212 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Prof Studies req.
Current methods and materials for the teaching of K-6 general music.

263 JUNIOR HIGH/SECONDARY TEACHING METHODS: GENERAL MUSIC 2 S
C or better in C&I 210, 212 and MUS 262 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Professional Studies req.
Current methods and materials for the teaching of junior high and secondary school (7-12) general music courses.

265 OPERA PRACTICUM 1 F,S
By audition/consent of instructor. May be repeated.
Experience in opera/musical theatre staging and performance. Work ranging from set construction to leading roles.

266 CHORAL METHODS I 2 F
C or better in C&I 210 and 212 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Professional Studies req. Compl of piano proficiency req. Formerly ELEMENTARY/JUNIOR HIGH TEACHING METHODS: CHORAL. Not for cr if had MUS 163.
This course covers vocal skill development and pedagogy; choral methods, materials, and management; and clinical teaching experiences.

267 SECONDARY TEACHING METHODS: CHORAL 2 S
C or better in C&I 210 and 212 req. Music Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Professional Studies req.
Study of management, methods, and materials utilized in the teaching of grades 9-12 vocal music.

268 INTERMEDIATE CONDUCTING: CHORAL 2 S
MUS 167 or cons inst req.
Further development of conducting skills; principles of musical production, rehearsal procedures, and problems of conducting music from all historical periods.

269 INTERMEDIATE CONDUCTING: INSTRUMENTAL 2 S
MUS 167 or cons inst req.
Further development of conducting skills; principles of musical production, rehearsal procedures, and problems of conducting music from all historical periods.

271 SECONDARY TEACHING METHODS: STRINGS 2 S
C or better in C&I 210 and 212 req. MUS Ed maj/min only. Incl Clin Exp: 15 hrs, Type 1-5, 9. Adm to Professional Studies req.
Current methods and materials for the teaching of secondary school instrumental strings.

275 WORLD ARTS: MUSIC OC-FA 3 F,S
ENG 101; COM 110 req; MC-LH category req.
Introduction to selected music of Asia, the Middle East, Africa and Latin America.

276 BASIC SKILLS IN THE DIGITAL ARTS 2 F,S,Summer
Fine Arts maj/min or cons inst req. Also offered as ART/THE 276. Materials charge optional.
Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery.

277 ARTS FOR ELEMENTARY SCHOOLS: MUSIC 3 F,S
El Ed maj only.
Survey of Music Education K-6; current practices and materials for teaching elementary general music.

278 ARTS FOR EARLY CHILDHOOD: MUSIC 3 F,S
Early Childhood Ed maj only; compl 30 hrs req. Not for cr if had C&I 282.
Materials and methods for teaching music with special emphasis on integrating the arts.

280-288 PERFORMING ORGANIZATIONS 1 F,S
Max 12 hrs of 180-188 and 280-288 may be counted toward a Music degree.
Participation in the large musical organizations; 280, University Choir; 281, Wind Symphony, Symphonic, University, Pep or Marching Band; 282, Symphony Orchestra; 283, Chamber Wind Ensemble; 284, Concert Choir; 286, Women's Choir; 288, Civic Chorale.

294 MUSIC IN RECREATION 3 F
MUS 194 or cons inst, ability to read music, and field experiences req.
Techniques and skills essential in the prescription, organization, and procedures of leading recreational music activities within therapeutic settings. Development of functional skills on social instruments.

298.01 PROFESSIONAL PRACTICE: MUSIC THERAPY INTERNSHIP 1 F,S
May be repeated; max 4 hrs. CR/NC only.
Supervised practical experience in therapeutic music situations in various institutions in the area.

298.03 PROFESSIONAL PRACTICE: MUSIC BUSINESS 1-6 F,S
May be repeated; max 6 hrs. CR/NC only.
Supervised practical experience in music business situations in various institutions in the area.

301 COMPUTER ARTS APPLICATIONS 1 F,S,Summer
Cons inst req. May be repeated if cont different. Also offered as ART/THE 301.
Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts.

303 COUNTERPOINT 2 S
MUS 201, or MUS 203, or cons inst req.
Introduction to counterpoint in Renaissance (16th century) and Baroque (18th century) styles.

304 ORCHESTRATION 2 S
MUS 201, or MUS 203, or cons inst req.
Introduction to writing for ensembles of strings, winds, percussion, or voices.

330 PEDAGOGY AND LITERATURE 1-2 F,S
May be repeated; max 4 hrs. More than 1 area may be taken conc.
Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for each medium. Brass, woodwind, percussion, voice, strings, piano, organ, guitar, jazz.

340 INFLUENCE OF MUSIC BEHAVIOR 3 F
Sr standing or cons inst req.
Cultural, physiological, and psychological aspects of music with applications of the Music Therapy field.

341 MUSIC THERAPY 3 S
MUS 340 or cons inst req.
Theory, current practices, and research in the field of Music Therapy.

343 SOUND DESIGN 2: DIGITAL AUDIO 3 S
ART/MUS/THE 243or cons inst req. Also offered as ART/THE 343.
Exploring the medium of computer-based audio and its relationship to artistic applications.

350 SOFTWARE DESIGN IN THE ARTS II 3 S
ART/MUS/THE 387 or cons inst req. Also offered as ART/THE 350.
Designing on-line digital projects for the Internet which use Web and multimedia techniques to create aesthetic models for art, music, and theatre expression.

353 COMPUTER MUSIC NOTATION 3 F
Cons inst req. Also offered as ART/THE 353.
Comparative study of computer-based music notation software using MIDI and other note entry systems for printing musical scores.

354 SEQUENCING AND DIGITAL AUDIO 3 S
Cons inst req. Also offered as ART/THE 354.
Study of music synthesis through MIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI.

355 MUSIC GENRES 3
MUS 253 and 254, or equiv req. May repeat if topic different, max 9 hrs.
Survey and analysis of representative examples of major genres of Western Music, including topics: .01 Symphonic Music; .02 Opera, .03 Chamber Music; .04 Choral Music.

356 MUSIC AND SOCIETIES 3
MUS 253 and 254, or equiv req. May repeat if topic different, max 9 hrs.
Studies of the relationship and contributions of music and musicians to the societies in which they live, including topics: .01 Introduction to Ethnomusicology; .02 Women in Music: Cross-Cultural Perspectives.

360 INTRODUCTION TO PSYCHOMUSICOLOGY 3 S
Introduction to the psychology of music behavior and cognition. Topics include music perception, memory, and learning and their relation to the sensory, formal, and expressive properties of music.

362 FIELD DATA COLLECTION IN MUSIC THERAPY 1 S
Sr standing or MUS 360 or cons inst req.
Field experience in experimental research and behavioral data collection and evaluation as applied to the field of Music Therapy.

365 OPERA PRACTICUM 1 F,S
By audition/consent of instructor. May be repeated.
Experience in opera/musical theatre staging and performance. Work ranging from set construction to leading roles.

371 MUSIC FOR THE EXCEPTIONAL CHILD 3 F,S
Trends in Music Education for exceptional children. Techniques and materials for a functional program of singing, playing, listening, and creative activities.

387 SOFTWARE DESIGN IN THE ARTS I 3 F
Also offered as ART/THE 387. Materials charge optional.
Designing and programming microcomputer-based software which solve particular applications problems in the fine arts.

388 SELECTED TOPICS IN ARTS TECHNOLOGY 3 F,S
Also offered as ART/THE 388. May be repeated if content different. Materials charge optional.
Varied emphases reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts.

391 MUSICAL STYLES OF THE RENAISSANCE PERIOD 3
MUS 253 req.
Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

392 MUSICAL STYLES OF THE BAROQUE PERIOD 3
MUS 253 req.
Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

394 MUSICAL STYLES OF THE CLASSICAL PERIOD 3
MUS 254 req.
Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

395 MUSICAL STYLES OF THE ROMANTIC PERIOD 3
MUS 254 req.
Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

396 MUSICAL STYLES OF THE TWENTIETH CENTURY 3
MUS 254 req.
Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period.

398 PROFESSIONAL PRACTICE: CLINICAL INTERNSHIP IN MUSIC THERAPY 1 F,S,Summer
Acceptance into a clinical training facility affiliated with the American Music Therapy Association req. May be repeated; max 2 hrs.
Professional application of current treatment and evaluation procedures in a clinical setting.

THEATRE (THE) 570

212 Centennial West, (309) 438-8783
Web address: www.illinoisstate.edu/finearts

Director: Don LaCasse - dlacasse@ilstu.edu
Tenured/Tenure-track Faculty:
Professors: Hampton, MacLean, McLaughlin, O'Gara, Pereira, Stark, Urice, Zielinski.
Associate Professors: Alley, Browder, Dennhardt, Mack, Mullenix, Orr.
Assistant Professors: Adams, Benelli, Brown, Haugo, Lowell, Paolucci, Poole, Semonis, Wilson.

General School Information

Admission Requirements:

All students who intend to pursue the Performance Sequence (Acting or Dance) are required to participate in an audition for admission. Students intending to pursue the Design/Production Sequence must participate in a portfolio review/interview for admission. Information concerning an admission audition or a portfolio review/interview is available from the School of Theatre. This policy begins with all students entering as theatre majors in the Performance Sequence (Acting and Dance) and the Design/Production Sequence in the fall semester of 2007.

Curricular Requirements/School Requirements:

Theatre students are bound by the requirements in this *Undergraduate Catalog* and those found in the *School of Theatre Production Handbook.*

Production Program Participation:

Theatre majors are encouraged to participate in at least one Illinois State Theatre production each semester. Credit in THE 102 or 302 may be earned for this participation. Students are encouraged to earn practicum credit in at least 4 different areas of theatre experience, such as costume, technical, management, acting, lighting, makeup. All students may audition for productions after they have achieved second semester freshman status.

Theatre Programs

Degrees Offered: B.A., B.S.

MAJOR IN THEATRE

Theatre Studies Sequence:

— 48 hours in Theatre required.
— Required courses: THE 100, 101, 2 hours of 102/302, 110, 130, 160, 170, 237, 240, 261, 344, 376, and 377.
— Students in the 48-hour major are required to complete 1 of the following concentrations:

Cinema Studies: THE 271, 370, 371.
Creative Drama: THE 280 and 6 hours of 381.
Directing: 3 hours each of THE 340, 341 and 342.
Arts Technology: 9 hours from ART/MUS/THE 206; ART/MUS/THE 350; 387, 388 (repeatable with different content); ART/MUS/THE 359.
Theatre History: THE 370, and 6 hours from 287, 300; ENG 222, 223, 325, 327, 328, 378.
Theatre Management: THE 345 and 6 hours of 309.

Performance Sequence:

— 55 hours in Theatre required, including 12 hours of core courses: THE 100, 102/302 (1 hour), 110, 130, 237 and 43 hours from either of the following tracks:

A. Acting: THE 113/313, 160, 211, 212, 220, 240, 322, 376 and 377; 9 hours of THE 314; 3 hours from THE 221 or 2 hours approved dance technique classes; and 2 or 3 hours of electives to complete 55 hours.
— All 300-level Acting courses (THE 313, 314, 322 and 324) are restricted to Acting majors. Prerequisites for each course must be met as stated in the course descriptions.
B. Dance: KNR 181; THE 125, 225, 228 (3 hours), 205/305 (6 hours), 207/307 (6 hours), 219 (6 hours), 261, 372 and 373 and 5 hours electives from THE 102/302, 226, 228, or 387.
— Continuation in this sequence after the freshman year is by consent of the School Acting and/or Dance faculty.
— A qualifying performance audition is required for all incoming students wishing to enter THE 205, 207 or 219. Students who are deficient in dance technique will have to begin at the 100-level in classical ballet, modern dance, and jazz dance. These deficiency hours will be above the 55 hours required for this sequence. Information concerning admission auditions is available from the School of Theatre.

Design/Production Sequence:

— 55 hours in Theatre required.
— Required courses: THE 100, 110, 130, 160, 237, 240, 258, 376, 377.
— 6 hours to be selected from: THE 243, 261, 330, 362.
— 6 hours to be selected from: THE 243, 261, 330, 331 or 334, 332, 333, 342, 343, 349, 361, 362, 363, 365, 367. NOTE: THE 243, 262, 330, 362 may not be repeated for this group of requirements.
— Theatre electives to complete 55 hours.
— NOTE: If THE 330, 363, 365 are repeated, the repeated courses will count as electives and not toward required hours (above).

Teacher Education Sequence:

— 42 hours in Theatre required. Part of entitlement program leading to certification: secondary 6-12.
— Required courses: THE 100, 101, 110, 113/313, 130, 160, 185 (2 hours), 237, 240, 280, 285 (2 hours), 376, 385 and 1 course selected from 340, 341, 261 or 362.

— Students are required to enroll in THE 185/285 for a minimum of 1/2 credit hour their first semester and to complete a total of 4 credit hours of prescribed field activities in Theatre Education as a part of their program. The School recommends that students who plan to teach in high school take COM 123 and 223. Second teaching field required.
— To qualify for certification, students must complete an education minor, the Professional Education Requirements, and the General Education Requirements as described in the Teacher Education Requirement, High School section of this *Undergraduate Catalog*.

MINOR IN THEATRE

— 24 hours in Theatre required.
— Required courses: 100, 101, 110, 130, 160, 240; and 376; and Theatre electives to complete 24 hours.

Teacher Education Sequence:

— 24 hours in Theatre required.
— Required courses: THE 100, 101, 110, 160, 240, 385, and 376 or 377.
— Students registering for THE 160 may be required to take 1 hour of THE 102/302 Practicum.
— 4 hours of THE 185 and 285 are prerequisites for THE 385. For students without these prerequisites, the Minor in Theatre/Teacher Education Sequence may require 28 hours.
— **NOTE:** The School recommends that students who plan to teach in high school take COM 123 and 223.

MINOR IN CINEMA STUDIES

— 18 hours of Cinema Studies required.
— Required courses: THE 170, 370, 371.
— 9 additional hours from: ENG 107; ART 252; THE 171, 176.02, 270, 271, 273, 275.02, 370.

MINOR IN DANCE

— 24 hours required.
— Students in this minor must be sufficiently proficient in ballet, jazz, and modern dance to be placed in the second-level courses by audition. Students should begin their studio sequences with THE 205, 207, and 219. This minor may require more hours than listed for students with studio deficiencies.
— Required studio courses: THE 102/302 (1 hour), 125 (2 hours), 205 (2 hours), 207 (2 hours), 219 (2 hours), 228 (2 hours), 261 (3 hours), 305 (2 hours), 307 (2 hours), 372 (3 hours), 373 (3 hours).
— According to the minimum requirements for state teacher certification, students in any area that has no established state standards (such as Dance) must have 32 semester hours in the area in order to be endorsed. Students wishing endorsement must complete the minor and the following Teacher Education Sequence as well as BSC 181, Anatomy and Physiology, or the equivalent, which may substitute for the 3 hours of Theatre electives in the Sequence.

Teacher Education Sequence:

— KNR 153.10 (1 hour); THE 227 (2 hours), 327 (2 hours), and 3 hours of Theatre electives as approved by the Dance advisor.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

The approximate number of clinical hours and type of activity associated with each course offering can be found with the appropriate course description. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

1. Observation
2. Tutoring one-on-one contact
3. Non-instruction assisting
4. Instructional aiding a group
5. Micro teaching
6. Simulation lab exercises
7. Work with clinic client
8. Graduate practicum
9. Professional meeting
10. Other

ARTS TECHNOLOGY PROGRAM

The Arts Technology Program leads to a Major in Arts Technology (B.A./B.S.). The Program is sponsored by the College of Fine Arts and shared by the Schools of Art, Music and Theatre. Specifics concerning admission to the Program may be found in this catalog under the heading, College of Fine Arts.

Theatre Courses

100 INTRODUCTION TO THE LITERATURE OF THE THEATRE 3 F,S

Survey of literature of theatre from the Greeks to the present. Emphasis is on the study of structure, genres, and history of the period in which the play was produced.

101 ORAL INTERPRETATION OF LITERATURE 3 F,S

The individual performance of non-dramatic literature as an approach to the study of literature and performance.

102 THEATRE PRACTICUM 1-2 F,S
May be repeated.
Production experience in the areas of acting, costume and scenery preparation, production crew, box office, and stage management.

105 MODERN DANCE I 2 F,S
An introduction to modern dance through technique, improvisations, and composition.

106 MODERN DANCE II 2 F,S
THE 105 req.
Continuation of THE 105 with emphasis on technique.

107 BALLET I 2 F,S
An introduction to the techniques and style of ballet.

108 BALLET II 2 F,S
THE 107 or conc reg or cons inst req.
A continuation of 107.

110 ACTING I 3 F,S
Maj/min only. Cons inst req. May be repeated; max 6 hrs.
Basic skills and concepts of acting. Exploration of the actor's internal (psychological-emotional) resources through exercises, discussions, and performance projects.

113 ACTING II 3 S
THE 110 or equiv, and cons inst req. Not for cr if had THE 313.
Analysis, rehearsal, and performance of representative scripts.

114 TAP I 2 F
An introduction to the techniques and styles of tap dance.

115 TAP II 2 S
THE 114 or cons inst req.
A continuation of THE 114.

119 JAZZ DANCE I 2 F,S
An introduction to the techniques and styles of jazz dance.

120 JAZZ DANCE II 2 F,S
THE 119 or cons inst req.
A continuation of 119.

125 DANCE COMPOSITION I 2 F
THE 205 and/or 207, or cons inst req. Offered even-numbered years.
Theory and practice in spatial, temporal, and dynamic design applied to choreography.

130 INTRODUCTION TO COSTUME 3 F,S
Lab arranged. Materials charge optional.
Study and practical application of costume construction techniques and the study of basic costume design practice.

152 EXPERIENCING THEATRE OC-FA 3 F,S
ENG 101; COM 110 req. Theatre attendance req.
Exposure to and application of the various artistic perspectives that share the collaborative process of theatrical production.

153 INTRODUCTION TO ACTING 3 F,S
Not for cr maj/min.
Introduction to process and nature of acting; variety of theatre experiences to encourage an understanding and appreciation of actor's craft.

154 INTRODUCTION TO BLACK DRAMA AND THEATRE 3 F,S
Exploration of the plays of the African-American dramatist from the Harlem Renaissance to the Black Arts Movement through lecture, discussion, and workshop techniques.

160 STAGECRAFT 3 F,S
Lab and/or conc reg req. Materials charge optional.
Theory and technique of basic construction and rigging procedures.

170 INTRODUCTION TO FILM ART 3 F,S
Artistic and social values of the cinema as a contemporary art form. Screening and discussion of selected films.

171 HISTORY OF THE AMERICAN FILM 3 S
May be repeated.
Aesthetic, cultural and industrial aspects of American film history.

176.01 ARTS AND SOCIETY: THEATRE OC-FA 3 F,S
ENG 101; COM 110 req.
Examination of the relationship between theatre and politics/ culture.

176.02 ARTS AND SOCIETY: FILM OC-FA 3 F,S
ENG 101; COM 110 req. Film screening req.
Examination of film's influence on society, and society's influence on film.

183 PUPPETRY 3 S
Also offered as ART 183.
Introduction to the performance art of puppetry and its educational applications: history, staging, construction, and manipulation of hand, rod, and shadow puppets.

185 CONTINUING ORIENTATION TO THEATRE EDUCATION I 1/2 F,S
Theatre Ed maj only, who must enroll for 1/2 hr per sem for 8 sem in THE 185 and 285 for a total of 4 hrs. Conc reg possible; exceptions (especially for transfer students) by cons school chair. Structured as program with a series of self instructional projects, req experiences, formal class meetings, and sequential developmental evaluations which are to be completed prior to student teaching. Incl Clin Exp: 5-30 hrs, Type 1-4.
Principles of administering a secondary-school theatre program as a learning facilitator, co-curricular director, and theatre professional.

205 INTERMEDIATE MODERN DANCE 2 F,S
Cons inst req. May be repeated; max 6 hrs.
Intermediate techniques and theory of modern dance.

206 COMPUTER ARTS PERFORMANCE STUDIO 3 S
Cons inst req. Also offered as ART/MUS 206.
Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production.

207 INTERMEDIATE BALLET 2 F,S
Cons inst req. May be repeated; max 6 hrs.
Intermediate ballet technique and theory.

211 VOCAL TECHNIQUE FOR THE ACTOR I 3 F
THE 100, 113 or equiv, 30 hrs, and cons acting faculty req. Not for cr if had THE 111 or 311.
Studies in relaxation, breathing, alignment, tonal focus, and articulation, leading to an understanding of the actor's vocal life and demands.

212 VOCAL TECHNIQUE FOR THE ACTOR II 3 S
Acting maj only with GPA 2.00 overall and 3.00 in Acting Seq. THE 100, 211, soph/jr standing, and cons Acting faculty req. Formerly THE 317.
Advanced studies in theatre voice for actors, including diction, scansion, performance of Shakespeare texts, dialects and life studies.

219 INTERMEDIATE JAZZ DANCE 2 F,S
Cons inst req. May be repeated; max 6 hrs.
Intermediate techniques and theory of jazz dance.

220 STAGE MOVEMENT I 3 F
THE 100, 113 or equiv, 30 hrs, and cons of acting faculty req.
Fundamental principles of stage movement, including self-awareness, flexibility, relaxation, and physical characterization.

221 STAGE MOVEMENT II 3 S
Acting maj only with GPA 2.00 overall and 3.00 in Acting Seq. THE 100, 220, soph/jr standing, and cons inst req. Formerly THE 321.
A continuation of Movement I with a focus on physical characterization for period styles including Shakespeare, Restoration and Farce.

225 DANCE COMPOSITION II 2 S
THE 125 or conc reg req. Offered odd-numbered years.
Continued development of theoretical concepts of choreography with emphasis on form and group compositions.

227 DANCE PEDAGOGY I 2 F
Adm to Professional Studies req for Teacher Ed Seq. Incl Clin Exp: 20 hrs, Type 1-4. Offered odd-numbered yrs.
Basic principles and techniques of teaching dance in schools, studios, and agencies; planning lessons and teaching in selected dance activity classes.

228 SPECIAL TOPICS IN DANCE 1-3 F,S
May be repeated; max 6 hrs.
Intensive study of selected dance forms, styles, or repertory.

229 ARTS FOR EARLY CHILDHOOD: DANCE 3 F,S
Early Childhood Ed maj only. Compl 30 hrs req. Not for cr if had THE 226.
Methods and materials in traditional and creative activities; interrelationships of dance with the other arts.

237 STAGE MAKE-UP 2 F,S
THE 100 req. Materials charge optional.
Introduction to make-up technique through lecture-demonstration and laboratory practice. Development of ability in corrective and prosthetic make-up for characterization.

240 PRINCIPLES OF STAGE DIRECTION 3 F,S
THE 100, 110 and 160 req.
Acquaints the student with the basic principles of stage direction and provides a basic vocabulary and methodology.

243 SOUND DESIGN 1: PROPERTIES AND AUDIO TECHNOLOGIES 3 F
Also offered as ART/MUS 243.
Developing a basic understanding of the properties and perceptions of sound, audio technologies, and their relationship to artistic applications.

258 INTRODUCTION TO SCENOGRAPHIC TECHNIQUES 3 F,S
THE 100 and 160 req.
Exploration/application of graphic fundamentals for use in theatrical design. Emphasis on drafting and mechanical perspective techniques for the theatre.

260 TECHNICAL PROCEDURES 3 F or S
THE 100 and 160 req. May be repeated; max 6 hrs.
Procedures and problems of technical production.

261 LIGHTING FOR STAGE 3 F,S
THE 100 and 160, 258 or cons inst req. Formerly LIGHTING FOR STAGE AND TELEVISION.
Instrumentation, aesthetics, application of theatrical lighting through classroom/laboratory study.

270 THE DOCUMENTARY IN FILM AND BROADCASTING 3 F
Also offered as COM 270.
Historical, philosophical, and theoretical consideration of documentary approach in films, television, and radio.

271 STUDIES OF NON-WESTERN FILM 3 S
THE 170 or cons inst req. May be repeated. Formerly SURVEY OF NON-WESTERN FILM.
Cross-cultural study of the historical and aesthetic development of non-Western national cinemas through selected African, Indian, Japanese, and Chinese films.

273 TOPICS IN FILM CRITICISM 3 F or S
THE 170 or cons inst req. May be repeated.
Comparative and in-depth study of critical methods for film interpretation and of the theoretical sources for these methods.

275.01 WORLD ARTS: THEATRE OC-FA 3 F,S
ENG 101; COM 110 req; MC-LH category req.
Introduction to the theatre of Asia, the Middle East, Africa, and Latin America.

275.02 WORLD ARTS: FILM OC-FA 3 F,S
ENG 101; COM 110 req; MC-LH category req. Film screening req.
Introduction to film from Asia, the Middle East, Africa, and Latin America.

276 BASIC SKILLS IN THE DIGITAL ARTS 2 F,S,Summer
Fine Arts maj/min or cons inst req. Also offered as ART/MUS 276. Materials charge optional.
Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery.

280 CREATIVE DRAMA 2-3 F,S
Observations and practical activities req. Incl Clin Exp: 4 hrs, Type 1.
Drama in instructional situations for preschoolers through adults, including theory and activities for personal creative growth and teaching both the arts and non-arts subjects.

281 ARTS FOR ELEMENTARY SCHOOLS: THEATRE 3 F,S
El Ed maj only.
Drama in instructional situations for elementary education, including theory and activities for creative growth and teaching the arts/non-arts subjects.

282 ARTS FOR EARLY CHILDHOOD: THEATRE 3 F,S
Early Childhood Ed maj only. Compl 30 hrs req. Not for cr if had C&I 282.
Study of the philosophy and benefits of creative drama, theatre and symbolic/dramatic play focusing on teaching methodology and materials.

283 ARTS FOR ELEMENTARY SCHOOLS: DANCE 3 F,S
El Ed maj only.
Methods and materials in traditional and creative dance activities, interrelationships of dance with the other arts.

285 CONTINUING ORIENTATION TO THEATRE EDUCATION II 1/2 F,S
Incl Clin Exp: 5-75 hrs, Type 1-4.
Continuation of THE 185: principles of administering a secondary school theatre program as a learning facilitator, co-curricular director, and theatre professional.

300 TOPICS IN THE LITERATURE OF THE THEATRE 3 F or S
THE 100 req. May be repeated.
Examination of dramatic literature, which may also include dramatic criticism, analysis systems, discussions of plays in performance and/or dramatic/theatrical theory. Course content will vary.

301 COMPUTER ARTS APPLICATIONS 1 F,S,Summer
Cons inst req. May be repeated if cont different. Also offered as ART/MUS 301.
Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts.

302 THEATRE PRACTICUM 1-3 F,S
May be repeated.
Production experience in the areas of acting, costume and scenery preparation, production crew, box office, and stage management.

305 ADVANCED MODERN DANCE 2 F,S
Cons inst req. May be repeated; max 6 hrs.
Intermediate techniques and theory of modern dance.

307 ADVANCED BALLET 2 F,S
Cons inst req. May be repeated; max 6 hrs.
Intermediate-advanced ballet technique and theory.

309 DIRECTED PROJECTS 1-3 F,S
THE 100 and cons inst req. May be repeated.
Individually supervised study for the advanced student.

313 ACTING II 3 S
Acting maj only with GPA 2.00 overall and 3.00 in Acting Seq. THE 100, 110 or equiv; jr standing, and cons Acting faculty req. Not for cr if had THE 113.
Analysis, rehearsal, and performance of representative scripts.

314 ACTING STYLES: DISCOVERY AND PERFORMANCE 3 F,S
Acting maj only with GPA 2.00 overall and 3.00 in Acting Seq. THE 100, 211, 220, jr standing, and cons Acting faculty req.
Performance styles of a particular playwright, period, or medium, including: Topic .01 Realism, Topic .02 Shakespeare, Topic .03 On Camera, Topic .04 Indian Theatre, Topic .05 Special Topics, Topic .06 Animals, Topic .07 Improvisation, and Topic .08 Acting for the Musical Theatre.

322 AUDITIONING 3 F,S
Acting maj only with GPA 2.00 overall and 3.00 in Acting Seq. THE 100, 211, 220, 6 hrs 314, sr standing, and cons Acting faculty req.
Preparation, performance, and evaluation of numerous audition projects; discussion of the actor's search for employment in the professional theatre.

324 STAGE MOVEMENT III 2 F,S
Acting maj only with GPA 2.00 overall and 3.00 in Acting seq. THE 100, 220, 221 or equiv, jr/sr standing, and cons Acting faculty req. May be repeated.
Specialized movement training, varying in areas of study, including: Topic .01 stage combat, Topic .02 mask, Topic .03 period movement, Topic .04 physical comedy, Topic .05 Alexander Technique and Topic .06 mime.

327 DANCE PEDAGOGY II 2 S
Teacher Ed Seq. THE 227 or cons inst req. Incl Clin Exp: 55 hrs, Type 1-5. Offered even-numbered years.
Supervised clinical experiences in teaching dance to secondary school and studio populations; selection of materials and instructional strategies for these groups.

330 THEATRICAL COSTUME DESIGN 3 F
THE 100 and 130 req. May be repeated; max 6 hrs toward degree program.
Research and practical application to theatrical costume designing; use of dramatic analysis.

331 HISTORY AND STYLES OF STAGE COSTUMING I 3 F
THE 100 and 130 req. Offered even-numbered years
The costume's reflection of cultural and social milieu and the costume's application to the stage: Ancient Egypt to 1625.

332 COSTUME CONSTRUCTION 3 S
THE 100, 130 and cons inst req. Lab arranged. Offered even-numbered years.
Pattern drafting, draping, fitting, and specialized construction techniques for the theatrical costume craftsman.

333 COSTUME CRAFTS 3 S
THE 100 and 130 req. Materials charge optional. Offered odd-numbered years.
Theory and technique of costume construction and use of special materials.

334 HISTORY AND STYLES OF STAGE COSTUMING II 3 F
THE 100 and 135 req. Offered odd-numbered years.
The costume's reflection of cultural and social milieu and the costume's application to the stage: 1625 to 1900.

340 DIRECTING WORKSHOP 3 S
THE 100 and 240 req. May be repeated; max 6 hrs toward degree program.
Principles and methodologies of stage direction applied to particular problems in a workshop format.

341 ORAL INTERPRETATION OF LITERATURE II (Directing/Performance) 3 S
THE 100 and 101 or cons inst req.
Group forms of Interpretation—Readers Theatre and Chamber Theatre, with experiences to provide the student with practical applications of theory and principle.

342 INTRODUCTION TO STAGE MANAGEMENT 3 F,S
THE 100, 102, 130, and 160 or cons inst req. Formerly STAGE MANAGEMENT.
Introduction and application of basic principles of stage management, with emphasis on the paperwork and procedures required in theatrical productions.

343 SOUND DESIGN 2: DIGITAL AUDIO 3 S
ART/MUS/THE 243 or cons inst req. Also offered as ART/THE 343.
Exploring the medium of computer-based audio and its relationship to artistic applications.

344 PRINCIPLES OF THEATRE MANAGEMENT 3 F
THE 100 req. Lab arranged.
Introduction and demonstration of the practices and procedures of theatre management in today's theatre.

345 ADVANCED THEATRE MANAGEMENT 3 S
THE 100 and 344 or cons inst req.
Intensive work in business management techniques for arts organizations, including management practices, union contracts, payrolls, budgeting and income controls.

348 PLAYWRITING 3
Also offered as ENG 348.
Playwriting techniques of selected masters with practical application of techniques in writing original plays.

349 ADVANCED STAGE MANAGEMENT 3 S or F
THE 100 and 342 or cons inst req.
Application of advanced stage management skills with emphasis on procedures used in professional Equity theatrical productions, dance, opera, and touring.

350 SOFTWARE DESIGN IN THE ARTS II 3 S
ART/MUS/THE 387 or cons inst req. Also offered as ART/MUS 350.
Designing on-line digital projects for the Internet which use Web and multimedia techniques to create aesthetic models for art, music, and theatre expression.

353 COMPUTER MUSIC NOTATION 3 S
Cons inst req. Also offered as ART/MUS 353.
Comparative study of computer-based music notation software using MIDI and other note entry systems for printing musical scores.

354 SEQUENCING AND DIGITAL AUDIO 3 S
Cons inst req. Also offered as ART/MUS 354.
Study of music synthesis through MIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI.

359 COMPUTER-BASED ART AND GRAPHIC DESIGN 3 F,S
ART/MUS/THE 276 or cons inst req. Also offered as ART 359. Materials charge optional.
Application of advanced 2- and 3-dimensional graphics programs to solve creative problems in the visual and theatrical arts.

361 ADVANCED STAGE LIGHTING 3 S
THE 100, 258, 261 or cons inst req. Lab arranged.
Lighting design for proscenium and non-proscenium production; attention to system design.

362 STAGE DESIGN 3 F,S
THE 100, 160 and 258 or cons inst req.
Nature, function, and aesthetics of scene design, with practice in composition.

363 ADVANCED DESIGN 3 F
THE 100 and 362 req. May be repeated; max 6 hrs toward degree program.
Intensive work in the areas of design and rendering for the stage; emphasis upon new materials and techniques.

364 ADVANCED PROJECTS IN DESIGN 2-4 F,S
THE 100 req. May be repeated.
Design and production problems as they relate to productions being mounted by the Department of Theatre. Emphasis placed upon creative and collaborative aspects of producing theatre.

365 SCENE PAINTING 3 S
THE 100 req. Materials charge optional.
Development of the skills necessary for the organization, preparation, and execution of painted scenery for the stage.

366 RENDERING TECHNIQUES FOR THE STAGE 3 S
THE 100, 130, 160, 258, 261, or cons inst req. May be repeated; max 6 hrs toward degree program.
A studio course investigating 2D and 3D graphic techniques for realizing theatrical designs. Content varies; various media and applications emphasized.

367 SCENOGRAPHIC TECHNIQUES 3 F or S
THE 100 and cons inst req.
Descriptive geometry and drafting techniques that are necessary in developing 3-dimensional stage space and scenic units into plans, elevations, and working drawings.

370 HISTORY OF THE CINEMA 3 F
Lab; screening of significant films. May be repeated; max 6 hrs.
Historical and aesthetic development of the cinema. Course content will vary.

371 FILM THEORY AND CRITICISM 3 S
THE 170 or cons inst.
Theories relating to the art of filmmaking.

372 HISTORY AND PHILOSOPHY OF DANCE I 3 S
History, philosophy, and development of dance as a social and cultural medium from primitive times through the 16th century.

373 HISTORY AND PHILOSOPHY OF DANCE II 3 S
History, philosophy, and development of dance from the 17th century to the present.

376 THEATRE HISTORY I 4 F
THE 100 req.
History of drama and theatrical production from its origin to approximately 1650.

377 THEATRE HISTORY II 4 S
THE 100 and 376 req.
History of drama and theatrical production from the late 17th century to the present.

378 SHAKESPEARE ON STAGE 3 Summer
May be repeated once. Also offered as ENG 378.
Intensive study of Shakespeare's plays in production. For the student with adequate familiarity with Shakespeare and his works.

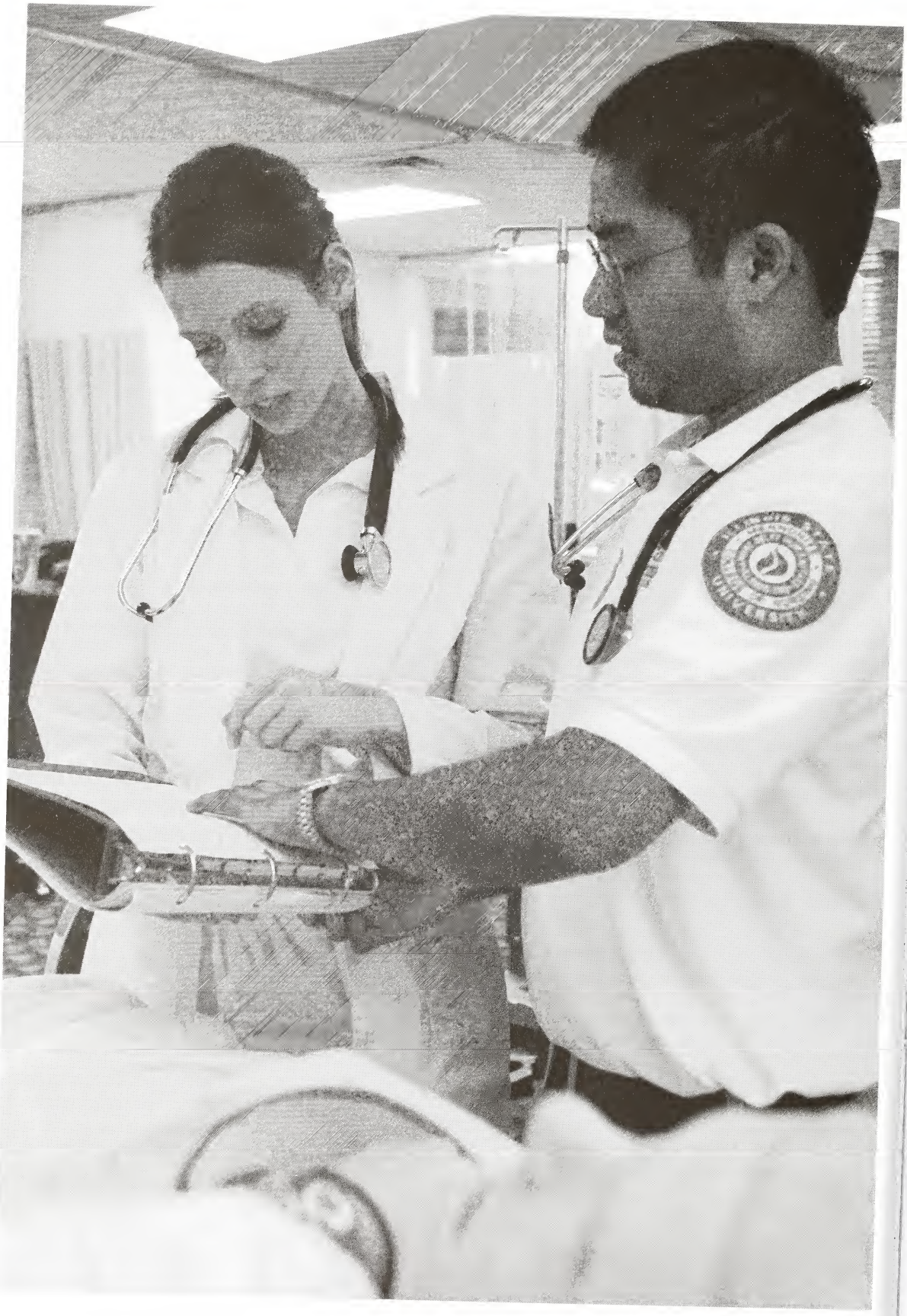
381 CREATIVE DRAMA PRACTICUM 2-3 F,S
THE 280 and cons inst req. May be repeated; max 6 hrs. Incl Clin Exp: 10 hrs min, Type 10.
Practical experience in creative drama teaching by leading a class in drama under faculty supervision for a semester. The course is graded (A-F).

385 PRINCIPLES OF THEATRE EDUCATION 5 F
THE 285; C or better in C&I 216 or conc reg req. Incl Clin Exp: hrs 5-100, Type 1-5. Adm to Professional Studies req.
Philosophies of theatre education, teaching strategies, co-curricular programs, textbook analyses, professional organizations, and related field experience.

387 SOFTWARE DESIGN IN THE ARTS I 3 F
Also offered as ART/MUS 387. Materials charge optional.
Designing and programming microcomputer-based software which solve particular applications problems in the fine arts.

388 SELECTED TOPICS IN ARTS TECHNOLOGY 3 F
ART/MUS/THE 276 or cons inst req. Also offered as ART/MUS 388. May be repeated if content different. Materials charge optional.
Varied emphasis reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts.

398 PROFESSIONAL PRACTICE IN THEATRE 1-6 F,S
Supervised theatre work experiences in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised by the School of Theatre.



MENNONITE COLLEGE OF NURSING

Dean: Nancy Ridenour, 312 Edwards Hall

Web address: **www.mcn.ilstu.edu**

Mission

The mission of Mennonite College of Nursing is to educate undergraduate and graduate nursing students to serve the citizens of Illinois, the nation, and the global community. Mennonite College of Nursing acknowledges a particular responsibility to address the nursing and health care needs of urban and rural populations, including those who are vulnerable and underserved. The College of Nursing builds upon the educational foundation previously acquired by students. The College creates a dynamic community of learning in which reflective thinking and ethical decision-making are valued. The College is committed to the promotion of nursing scholarship at the national and international level through research, service, and practice. Mennonite College of Nursing is committed to being purposeful, open, just, caring, disciplined, and celebrative.

Philosophy

At the heart of the College's philosophy is the belief that all people share a common humanity. Each person must be regarded as having special biological, psychological, sociocultural and spiritual dimensions and possessing the inherent rights and responsibilities of freedom of choice and self-determination. Based on these beliefs, the College strives to grow as a caring community that supports the development of the total individual.

A vital interactive relationship exists between humankind and the environment. Environment affects each person's biological being and extends beyond physical surroundings to encompass roles, relationships, and societal structures. Because all human beings influence and are influenced by their environment, all must assume the responsibility to protect the social and natural environments in which they share.

Health is a dynamic state influenced by individual, environmental and hereditary factors. State of health, which significantly influences quality of life, is shaped by many factors, including an individual's decision-making and behaviors. Pursuit of wellness is the right and responsibility of each person. Nursing holds the potential to strengthen each human being pursuing optimal health and achieving a harmony of body, mind and spirit.

Nursing is a profession that continues to evolve through research, theory, and practice. Professional nursing, encompassing a range of therapeutic interventions aimed at promoting and restoring health, addresses actual and potential health care needs of individuals, families, groups, and communities. Nursing care is delivered in diverse settings in a systematic manner through use of the nursing process. In providing their professional services, practitioners of nursing manifest role dimensions that are collaborative and independent in nature. Because dynamic social forces influence the nature and scope of nursing practice, critical thinking, effective communication, and caring are abilities required for professional nursing practice in changing environments.

As a profession, nursing adheres to standards of practice and ethical codes as a means of ensuring quality care for all persons. The current Illinois Nursing Act serves as the legal basis for the practice of nursing in the State of Illinois.

Mennonite College of Nursing is committed to cultivating the personal and professional potential of each member of the College community. The faculty believe that learning as a life-long process is promoted when intellectual inquiry, creativity, self-awareness, self-direction, maturity, and responsibility are valued. Learning is a process of developing human potential through the interaction of the individual with the environment. This interaction aims to achieve positive attitude changes, knowledge acquisition, and professional competence.

The faculty of Mennonite College of Nursing believe that the knowledge, attitudes, and skills required for professional nursing are best achieved when built upon a solid foundation of study in the humanities and sciences. The faculty value a liberal arts education, which fosters an understanding of society and provides a humanistic basis for the study of nursing. Baccalaureate nursing education prepares the graduate for the practice of professional nursing and provides the basis for graduate study in nursing. Masters-level nursing education prepares nursing leaders and advanced practitioners, advances nursing scholarship, and provides the foundation for doctoral study.

The College offers a graduate program leading to the Master of Science in Nursing. The College offers a Family Nurse Practitioner Sequence and a Nursing Systems Administration Sequence, as well as a Post Master's Family Nurse Practitioner (FNP) Certificate.

Terminal Outcome Abilities

Upon completion of the baccalaureate nursing program, the graduate will possess the following terminal outcome abilities.

Caring: The student will use a variety of caring modalities that promote health, healing, and dignity throughout the life span.

Critical Thinking: The student will use critical thinking to make judgments and develop therapeutic nursing interventions for optimal health.

Communication: The student will communicate effectively with individuals, families, and groups.

Professional Practice: The student will assume accountability for professional practice in contemporary society through the application of theory-based knowledge.

Accreditation

The Nursing program is fully accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW Suite 530, Washington, D.C. 20036; (202) 887-6791; and also is approved by the Illinois Department of Professional Regulation. Memberships include the Council of Baccalaureate and Higher Degree Programs, the Illinois Council of Baccalaureate and Higher Degree Programs and the American Association of Colleges of Nursing.

NURSING (NUR) 581

303, 312 Edwards (309) 438-7400
Web address: www.mcn.ilstu.edu

Tenured/Tenure-track Faculty: Astroth, Campbell, Dyck, Fowles, Jeffers, Kossman, Lindsey, Mallory, Medina, Wilson.
Faculty: Burke, Clemens, Cranston, Gabrielson, Kaesberg, Kennell, Malinowski, Mendez, Petro, Saxton, Schlomer, Woith.

General Information

Should a course not be held due to inadequate enrollment, those individuals who had registered for the course will be contacted and changes in the program of study made. Information regarding other policies and procedures of Mennonite College of Nursing, student advising, student services provided, information about endowed scholarships and other private funding sources, and Student Honors and Awards Program is available on the College Web site: www.mcn.ilstu.edu.

Admission to Nursing Major:

Admission Deadlines: Applications and supporting documents received prior to January 15 for admission consideration the following Fall will receive preferential admission review over applications and supporting documents received at a later date.

Students may be admitted into the Nursing Major from a pool of qualified applicants on the basis of individual qualifications. Students are admitted into the Nursing Major on a competitive and selective basis. The number of students admitted into the major may vary from year to year depending on program capacity and qualifications of students in the pool. The College of Nursing reserves the right to maintain a balanced enrollment. GPA and course requirements for transfer student admissions are the same as change of major (within Illinois State). Prospective transfer students are urged to file an Application for Admission to Illinois State University early. A student with 30 or more hours may submit an application for admission consideration to the Nursing Major in the Prelicensure/BSN Sequence based on the following specific requirements.

Admission to Prelicensure/BSN Sequence:

To be considered for admission to the Nursing Major, a student must:

- Have completed an Associate Degree in Arts (A.A.) or an Associate Degree in Science (A.S.) or the Illinois State University General Education Program or the Illinois Transferable General Education Core Curriculum;
- Complete specific required courses: CHE 110, 112 or CHE 140; ECO/GEO/POL/PSY 138 or MQM 100 or SOC 275; PSY 110, 213; BSC 160, 181, 182, 183; and FCS 102; for a total of 56 semester hours; with a C or better in each of these specific required courses;
- Have a minimum cumulative GPA of 2.70.

Early Admission:

Students applying to Illinois State University as a freshman may be considered for Early Admission into the nursing major by indicating "nursing major" as the major of choice on the Illinois State University application. Students are accepted via Early Admission on a competitive and selective basis. Those students who are accepted via Early Admission will receive an acceptance letter from the Illinois State University Admisison office. The number of students admitted via Early Admission will vary from year to year depending on program capacity, enrollment targets, and qualifications of students in the pool.

To maintain Early Admission status, students must meet the following requirements: earn a C or better in all required prerequisite courses and maintain a cumulative grade point average of 3.00 on a scale of 4.00. Any student not adhering to the above criteria will be moved to General Student major status and will need to reapply to the nursing major during specified time periods.

Readmission:

Upon admission to the nursing major, all students (excluding those students in the Early Admission Program) are expected to maintain consecutive fall-spring enrollment in nursing courses. Any student who has not been enrolled in nursing coursework for more than one fall or spring semester must reapply to the college. Readmission will be granted on a selective basis. Students who are readmitted will be required to complete Success Plan testing and lab proficiency testing. The costs of such testing are the responsibility of the student. Upon admission to the nursing major students interested in applying for readmission should contact a College of Nursing academic advisor. Students applying for fall readmission must submit their Mennonite College of Nursing readmission application before April 1 of the semester prior to the anticipated fall readmission. Spring applicants must submit their readmission application before October 1 of the semester prior to anticipated spring readmission.

Nursing students who have been academically dismissed from the major may submit an application for readmission to the college before April 1 for fall readmission and before October 1 for spring readmission. Students must first be readmitted to the University (if applicable) before submitting a readmission application to the college. Eligible students may reapply to the University through the New Start Program or through the academic reinstatement process. Readmission will be granted on a selective basis. Students who are readmitted will be required to complete Success Plan testing, lab proficiency testing, and additional nonmajor coursework prior to readmission. The cost of testing is the responsibility of the student. Students interested in applying for readmission to the major following academic dismissal are encouraged to contact a College of Nursing academic advisor to review the specific criteria associated with applying for readmission to the major.

Admission to RN/BSN Sequence:

To be admitted to the Nursing Major, an RN student must:

— First be admitted to Illinois State University;
— Be a graduate from a state-approved diploma school of nursing or an associate degree nursing program;
— Be licensed as a registered nurse in the State of Illinois;
— Have completed the Associate Degree in Arts (A.A.) or an Associated Degree in Science (A.S.) or a specified portion of the Illinois Transferable General Education Core Curriculum;
— Complete specific required courses: CHE 110, 112 or CHE 140; ECO/GEO/POL/PSY 138 or MQM 100 or SOC 275; PSY 110, 213; BSC 160, 181, 182, 183; and FCS 102; with a C or better in each of these specific required courses;
— Submit one recommendation form from a current employer (if not employed, may be from a recent college instructor or academic advisor);
— Have a minimum cumulative GPA of 2.70.

Academic Requirements:

The following academic requirements apply to all prelicensure students enrolled in Mennonite College of Nursing.

Prelicensure/BSN Sequence:

— 65 hours of major courses required, including: NUR 221, 225, 229, 231, 233, 235, 237, 239, 323, 325, 327, 329, 339; and 3 hours of elective credit from: NUR 207, 208, 308, 312, 313, or 398;
— C or better required in all Nursing courses for retention in the Major.

RN/BSN Sequence:

— 64 hours of major courses required, including: NUR 223, 227, 236, 238, 240, 241, 330, 331, 340, 341; and 33 semester hours earned as Escrow Credit;
— C or better required in all Nursing courses for retention in the Major.

Diploma school or Associate Degree nursing courses are "held in escrow" for the student until successful completion of three specified Nursing upper-division courses: NUR 223, 227, and 236. Once these three courses have been successfully completed through enrollment, thirty-three (33) credits are placed on the student's transcript for the following Nursing courses: NUR 229, 231, 233, 323, and 325.

Portfolio assessment and proficiency examinations are available for specific courses.

Transfer Requirements:

In addition to meeting the admission requirements of the University, the transfer applicant must meet the admission requirements of the Nursing program. Transfer students must apply and be accepted to Illinois State University to be considered for admission to the nursing major.

Retention Requirements:

Students must maintain a cumulative GPA of 2.00 and a C or better in all required Nursing courses to remain in the Nursing Major. When a student fails to maintain a cumulative GPA of 2.00 or a grade of C in any course in the Nursing Major, the student is placed on major academic alert. This status alerts the student to the danger of dismissal from the Nursing Major. Dismissal from the Prelicensure Sequence results when a student receives a grade of less than C, without consideration of course repetition, in 2 Nursing clinical courses, or 1 Nursing clinical course and 2 Nursing theory courses, or 3 Nursing theory courses. Dismissal from the RN/BSN Sequence results when a student receives a grade of less than C in any 2 nursing courses. Dismissal from the Prelicensure or RN/BSN Sequence will also result when a student receives a grade of less than C twice for the same course.

All Prelicensure students are required to participate in the College Success Plan which is designed to provide: (1) an assessment of each students' ability to understand and apply theoretical and clinical knowledge related to clinical courses as they progress through the curriculum; (2) assessment and outcome data for curriculum consideration; (3) an assessment of each students' preparedness to be successful on the state licensing exam (NCLEX-RN); and (4) intervention guidelines to address any deficiencies that a student may demonstrate in understanding and applying theoretical and clinical knowledge related to clinical courses. Details of the Success Plan are available on the College of Nursing Web site.

Clinical Experience for Nursing:

Clinical Experience is provided by an extensive clinical network of over 50 off-campus agencies including but not limited to hospitals, nursing homes, community centers, public health departments, long-term care facilities and other approved clinical learning settings. All Prelicensure students will begin their Clinical Experiences in the junior year; the students must provide their own transportation to all Clinical Experience sites.

Core Performance Standards:

Outcome Ability	Standard		Behavior Examples
Caring	A.	Gross and fine motor abilities enabling the provision of safe and effective nursing care	• Cardiopulmonary resuscitation • Position patient, assist in and out of bed • Manipulation of equipment: I.V. therapy • Syringes for injections, insertion of catheter • Sterile techniques and universal precautions • Efficiently move around in limited spaces of patient rooms and treatment areas.
	B.	Auditory ability sufficient to monitor and assess health needs	• Response to emergency alarms • Response to cries for help • Use of a stethoscope to obtain audible breath, bowel and heart sounds • Response to verbal commands in emergency
	C.	Visual ability sufficient for observations and make assessments essential to nursing care.	• Recognition of digital readouts from bedside monitors • Peripheral vision that encompasses clinically significant visual space • Reading medication, orders and policies
	D.	Tactile ability sufficient for physical assessment	• Perform palpitation to confirm inspection • Perform functions of physical examination and/or those related to therapeutic intervention, e.g. texture, temperature, moisture, swelling
	E.	Olfactory ability sufficient to monitor the physical environment	• Detecting smoke • Detecting potentially hazardous conditions
Communication	A.	Ability to interactively communicate in the class room and clinical environ ment through verbal, non-verbal, and written form	• Non-verbal communication in appropriate circumstances, e.g. facial expressions, eye contact and body language • Communication through use of spoken words in an intelligible, conversational pace • Explain treatment procedures • Document and interpret nursing actions and patient response • Communication through use of computer technology
	B.	Interpersonal skills sufficient to interact with individuals, families and groups	• Establish rapport with patients, families, and colleagues from diverse backgrounds
Professional Practice	A.	Participate in the evaluation process	• Evaluation of self • Evaluation of patients • Evaluation of environments
	B.	Organizational skills	• Personal accountability • Time management
	C.	Emotional stability sufficient to adapt to a changing environment	• Deal with the unexpected • Focus attention • Control emotions
Critical Thinking	A.	Critical thinking ability sufficient for clinical judgment	• Identify clinically significant cause/effect relationships • Develop nursing care plans, calculate medications
	B.	Ability to use the scientific process	• Problem solving • Set priorities

Nursing Courses

207 HEALTH CARE ETHICS 3 F,S
Formerly NUR 389.02.
Introduces the student to the moral, ethical, legal, and public policy issues inherent in the delivery of health care.

208 FAMILY VIOLENCE: HEALTH CONSEQUENCES 3 F,S
The course examines the pervasiveness of child abuse, domestic violence, sexual assault, and elder abuse and explores prevention and resolution.

221 INTRODUCTION TO THE DISCIPLINE OF NURSING 3 F
NUR maj only. Materials charge optional.
Classroom and small group activities provide introduction to historical and contemporary theoretical, social, political, legal, and ethical influences of nursing.

223 CONCEPTS AND PRACTICE OF PROFESSIONAL NURSING 4 F
RN license req. NUR maj only.
The roles of the nurse in controlling professional practice are introduced. Reflective practice, nursing theories, historical, ethical, political, and legal issues and trends are considered.

225 HEALTH ASSESSMENT OF THE ADULT 4 F
NUR maj only; NUR 221 or conc reg req. Lecture and lab.
Classroom and laboratory experiences provide the knowledge and skills necessary for a holistic assessment of adult clients. Expected age-related changes in older adults are also addressed.

227 HEALTH ASSESSMENT ACROSS THE LIFE SPAN 3 F
RN license req. NUR maj only. NUR 223 or conc reg req. Formerly NUR 315.
Expansion of basic knowledge and skills of physical assessment with added dimensions of psychosocial, cultural, and spiritual needs of clients across the life span.

229 ADULT NURSING I 6 F
NUR maj only; NUR 221, 225, 239 or conc reg req; PSY 110 req. Incl Clin Exp and lecture. Materials charge optional.
Theory and skills related to the care of adults, especially older adults, with commonly occurring health deviations are learned then applied within community-based practicum settings.

231 ADULT NURSING II 7 F, S
NUR 221, 225, 229; and NUR 339 or conc reg req. Incl Clin Exp and lecture.
Application of theory and skills necessary to plan, implement, and evaluate therapeutic nursing interventions for adults with commonly occurring acute and chronic health deviations.

233 PSYCHIATRIC-MENTAL HEALTH NURSING 6 F, S
NUR 221, 225, 229; and 339 or conc reg req. Incl Clin Exp and lecture. Materials charge optional.
Focus on individual and family responses to stress along the developmental and wellness-illness continuums. Emphasis on theory-based psychiatric-mental health nursing practice.

235 RESEARCH FOR PROFESSIONAL NURSING PRACTICE: PRELICENSURE 2 F,S
NUR 231 or conc reg req.
Beginning level knowledge and skills necessary to critically read, interpret, and evaluate research as the scientific basis for nursing practice.

236 RESEARCH FOR PROFESSIONAL NURSING PRACTICE: RN/BSN 2 F
RN license req. NUR maj only. NUR 223 or conc reg req. Not for cr if had NUR 331 or NUR 235.
Beginning level knowledge and skills necessary to critically read, interpret, and evaluate research as the scientific basis for nursing practice.

237 CULTURAL AND SPIRITUAL DIMENSIONS IN HEALTHCARE: PRELICENSURE 1 F, S
NUR 221, 225 req.
Role of nurse as culturally sensitive caregiver explored while learning about health attitudes, beliefs, and practices of culturally and spiritually diverse populations.

238 CULTURAL AND SPIRITUAL DIMENSIONS IN HEALTHCARE: RN/BSN 1 F, S
RN license req. NUR maj only. NUR 223 or conc reg req. Not for cr if had NUR 333 or NUR 237.
Role of nurse as culturally sensitive caregiver explored while learning about health attitudes, beliefs, and practices of culturally and spiritually diverse populations.

239 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING I: PRELICENSURE 3 F, S
NUR 221 or conc reg req; BSC 160; CHE 110/112 or CHE 140 req.
Exploration of development of commonly occurring health deviations and pharmacodynamic effect of therapeutic drugs on the human body.

240 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING I: RN/BSN 3 F
RN license req. NUR maj only. NUR 223 or conc reg req. Not for cr if had NUR 334 or NUR 239.
Exploration of development of commonly occurring health deviations and pharmacodynamic effect of therapeutic drugs on the human body.

241 APPLIED NURSING RESEARCH 1 F
RN license req. NUR maj only. NUR 223 and 236 or conc reg req.
Research utilization models are introduced in clinical practice to improve client outcome.

308 DIAGNOSTIC EVALUATION AND NURSING IMPLICATIONS 3
NUR 229, 231 pre or conc reg req. Formerly 389.03.
Diagnostic procedures, purpose, necessary nursing assessments, care and teaching particular to the procedure are the course focus.

312 DOMESTIC STUDIES IN TRANSCULTURAL NURSING 3 Summer
NUR 221, 225, 229, 239, and 2 of the following courses: NUR 231, 233, 323, 329 req.
Provides nursing students with the opportunity to study nursing and health care delivery in diverse locations within the United States.

313 INTERNATIONAL STUDIES IN TRANSCULTURAL NURSING 3 Summer
NUR 221, 225, 229, 239, and 2 of the following courses: NUR 231, 233, 323, 329 req.
Provides nursing students with the opportunity to study nursing and health care delivery at an international level.

323 PARENT-CHILD NURSING 7 F, S
NUR 221, 225, 229; and NUR 339 or conc reg req. PSY 213 req. Incl Clin Exp and lecture. Materials charge optional.
Nursing care of women, infants, children, and families during the childbearing/childrearing periods with emphasis on normal pregnancy and common complications, child development, and selected health problems of children.

325 ADULT NURSING III 7 F, S
NUR 231,339; and NUR 231, 233, 323, 329 or conc reg req. Incl Clin Exp and lecture. Materials charge optional.
Examination of biological, psychological, and social responses of complex acute care in emergent and rehabilitation settings.

327 MANAGEMENT AND LEADERSHIP DIMENSIONS OF NURSING 7 S
NUR 233, 235, 323, 325, 329, or conc reg req. Incl Clin Exp and lecture. Materials charge optional.
Exploration of professional nursing roles based upon management and leadership perspectives.

329 COMMUNITY HEALTH NURSING: PRELICENSURE 7 F, S
NUR 221, 225, 229; and 339 and or conc reg. Incl Clin Exp and lecture. Materials charge optional.
Community-based practice that emphasizes prevention strategies in the management of health care needs of individual families and aggregates in a variety of settings.

330 COMMUNITY HEALTH NURSING: RN/BSN 7 S
RN license req. NUR maj only. NUR 223 or conc reg req. Incl Clin Exp and lecture. Not for cr if had NUR 442 or NUR 329.
Community-based practice that emphasizes prevention strategies in the management of health care needs of individual families and aggregates in a variety of settings.

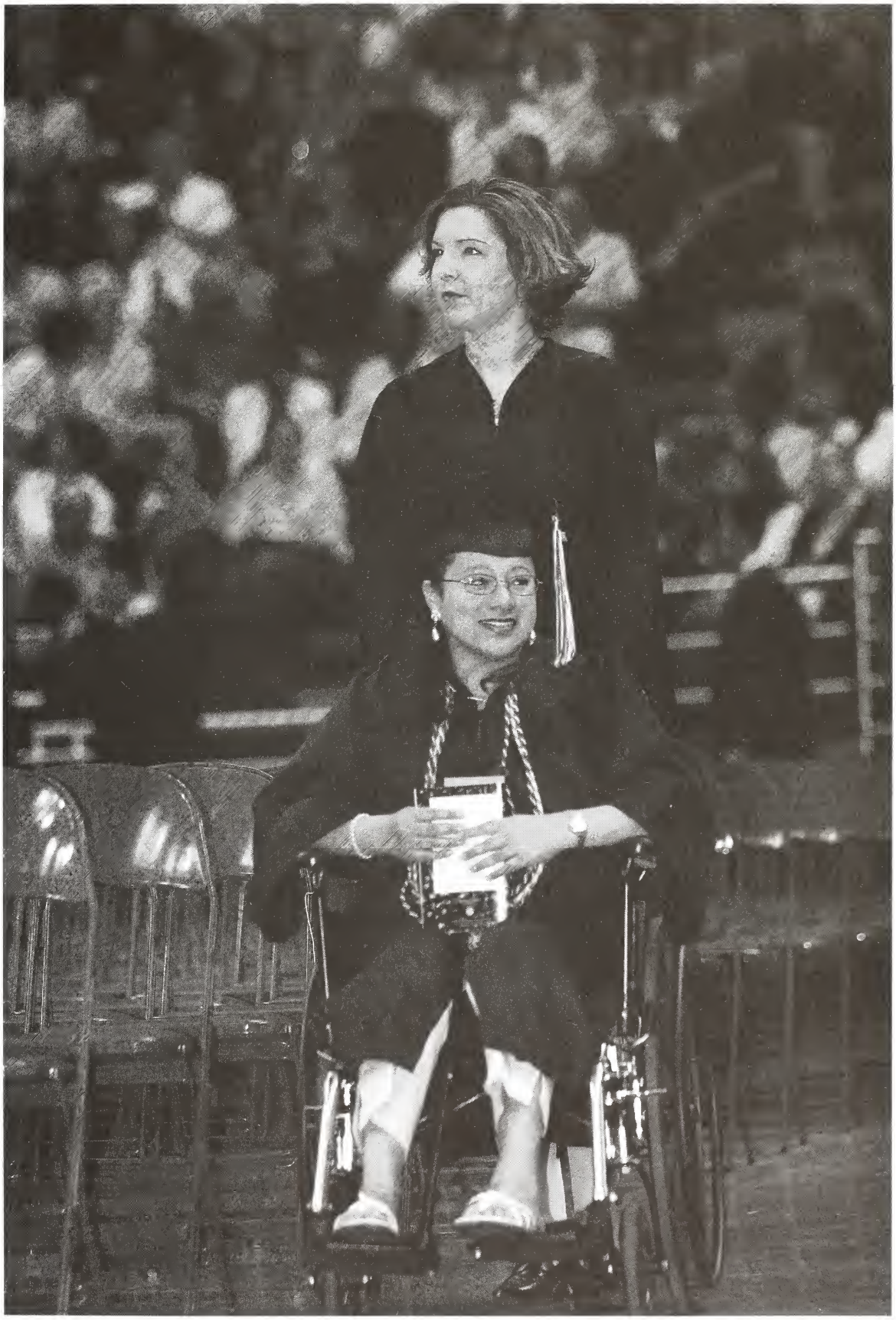
331 NURSING THERAPEUTICS ACROSS THE LIFE SPAN 4 S
RN license req. NUR maj only. NUR 223 or conc reg req. Formerly NUR 441.
Alternative therapies are emphasized. Research based nursing therapeutics to prevent, promote, and restore health for clients across the life span.

339 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING II: PRELICENSURE 2 F, S
NUR maj only. NUR 239 req. Materials charge optional.
Examination of the mechanisms and theories related to the development of disease and the pharmacodynamic effects of therapeutic drugs on the human body.

340 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING II: RN/BSN 2 S
RN license req. NUR maj only. NUR 223 & 240 or conc reg req. Not for cr if had NUR 434 or NUR 339.
Examination of the mechanisms and theories related to the development of disease and the pharmacodynamic effects of therapeutic drugs on the human body.

341 PROFESSIONAL NURSING LEADERSHIP DIMENSIONS: CAPSTONE EXPERIENCE 4 Summer
RN license req. NUR maj only. NUR 223, 227, 236, 238, 240, 241, 330, 331, 340 req.
Synthesize and apply knowledge of leadership concepts and theories in professional nursing roles. Various leadership roles are carried out in the practicum project.

398 PROFESSIONAL PRACTICE: EXTERNSHIP IN NURSING 3 Summer
NUR 221, 223, 229, 239; 233 or 323; 231 or 329 req. Good academic standing; cons of Prof Prac Coord req.
Planned, supervised experience in a professional nursing role within a healthcare setting such as a hospital, clinic, physician's office, or public health department.



Faculty Information

Faculty whose names appear in the department faculty lists were teaching at the University during the previous fall semester. Because of sabbatical leaves, temporary assignments, research projects, and other reasons, not all of these faculty will be teaching in the period covered by this catalog.

Board of Trustees

The Board of Trustees is the governing board for Illinois State University. Members of the Board are:

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UNIVERSITY FACULTY AND ADMINISTRATIVE STAFF

The following is a list of tenured and tenure track faculty, status non-tenure track faculty (NTT) administrative professional staff members as of the first semester of the 2006-07 Academic Year. The listing reflects Academic Ranks, Titles, Assignments and Departments of Employment effective during 2005-2006. Only the highest academic degree is indicated for each faculty member.

Robert L. Aaron
Executive Director, University Marketing and Communications
M.S., University of Illinois-Urbana-Champaign

Jerry Wayne Abner
Assistant Director, University Marketing and Communications
M.S., Illinois State University

Eltayeb Salih Abuelyaman
Associate Professor, School of Information Technology
Ph.D., University of Arizona

Lori J. Adams
Assistant Professor, School of Theatre
M.F.A., University of Nebraska-Lincoln

Mary Joan Adams
NTT Instructional Assistant Professor
School of Kinesiology and Recreation
M.S., Illinois State University

Melissa J. Adams
Coordinator, Hilia, Thomas Metcalf School
M.S., in Ed., Illinois State University

Philip Adams
Assistant to President, Government Relations
B.A., University of Illinois-Springfield

Steven L. Adams
Assistant Vice President, Enrollment Management and Academic Services
B.S., Illinois Wesleyan University

William Harry Adams, Jr.
Faculty Associate, Thomas Metcalf School
M.A., University of New Mexico

Agbenyega Adedze
Associate Professor, History
Ph.D., University of California-Los Angeles

Ebenezer Olukunle Adeniyi
Academic Advisor, School of Theatre
Ph.D., University of Pittsburgh

Amelia D. Adkins
Associate Professor, Educational Administration and Foundations
Ph.D., University of North Carolina-Chapel Hill

Oforiwaa Ama Aduonum
Associate Professor, School of Music
Mus.D., Florida State University

Raul A. Aguilar
Admissions Counselor
B.S., Illinois State University

Kevin C. Ahlgrim
Assistant Professor, Finance, Insurance and Law
Ph.D., University of Illinois-Urbana-Champaign

Fusun Akman
Assistant Professor, Mathematics
Ph.D., Yale University

Olcay Akman
Assistant Professor, Mathematics
Ph.D., University of Maine

Adel Tawfiq Al-Bataineh
Associate Professor, Curriculum and Instruction
Ed.D., Illinois State University

Jana Lynn Albrecht
Assistant Director, Financial Aid
B.S., Millikin University

Kathryn Kay Alexander
Academic Advisor, College of Business
M.B.A., Western Illinois University

Natalie Rowe Alexander
Coordinator, Residence Hall
M.S., Southern Illinois University-Carbondale

Larry Allen Alferink
Professor, Psychology
Ph.D., Utah State University

Jimmie Danford Allen, Jr.
Faculty Associate, University High School
M.A., Roosevelt University

Debbie Ruth Alley
Associate Professor, School of Theatre
M.F.A., Illinois State University

Angela Anne Almeda
Academic Advisor, Health Sciences
M.Ed., Illinois State University

James Ricardo Almeda
Health Educator, Health Services
M.S., Illinois State University

James Joseph Alstrum
Professor, Foreign Languages
Ph.D., Vanderbilt University

Gregory Allen Ait
Executive Director Financial Services and University Comptroller
M.B.A., Illinois State University

Anthony John Amorose
Associate Professor, School of Kinesiology and Recreation
Ph.D., University of Virginia

David L. Anderson
Associate Professor, Philosophy
Ph.D., Harvard University

Mary Jane Anderson
NTT Clinical Assistant Professor
Special Education
M.Ed., Illinois State University

Roger Clark Anderson
Distinguished Professor, Biological Sciences
Ph.D., University of Wisconsin-Madison

Shyla Marie Anderson
Faculty Associate, University High School
B.S., Illinois State University

Christopher Stephen Andre
Specialist, Computer Support
Applied Science and Technology
B.S., Illinois State University

Maureen E. Angell
Associate Professor, Special Education
Ph.D., University of Georgia

Jay Ansher
Specialist, Computer Support, Physics
Ph.D., University of Iowa

Kelli Sue Appel
NTT Instructional Assistant Professor, Special Education
M.A., University of Illinois-Urbana-Champaign

Susan Kay Appel
Professor, School of Art
Ph.D., University of Illinois-Urbana-Champaign

William Carthon Archer
Associate Professor, School of Art
Ph.D., University of Virginia

Joseph Everett Armstrong
Professor, Biological Sciences
Ph.D., Miami University

Molly K. Arnold
Director, Admissions
M.S., Illinois State University

Dianne E. Ashby
Vice President, University Advancement
Professor, Educational Administration and Foundations
Ph.D., Southern Illinois University-Carbondale

Erik N. Ashby
Coordinator, Residence Hall
M.S., Emporia State University

Kim M. Astroth
Assistant Professor, Mennonite College of Nursing
M.S., University of Illinois-Chicago

Jill Suzanne Attaway
Professor, Marketing
Ph.D., Louisiana State University and A & M

Albert T. Azinger
Associate Professor, Educational Administration and Foundations
Ph.D., University of Iowa

Deborah A. Babcock
Associate Director, Center for Insurance and Financial Service
B.S., University of Illinois-Urbana-Champaign

Gary R. Bachman
Assistant Professor, Agriculture
Ph.D., Ohio State University

Patricia Badani-Rosato
Assistant Professor, School of Art
M.F.A., School of the Art Institute-Chicago

Alison Bailey
Associate Professor, Philosophy
Ph.D., University of Cincinnati

Angela Marie Bailey
NTT Lecturer, Foreign Languages
M.A., Illinois State University

Glenn A. Bailey
Assistant Professor, Marketing
Ed.D., Northern Illinois University

Rita L. Bailey
Assistant Professor, Speech Pathology and Audiology
Ed.D., Illinois State University

Iris E. Baird
Assistant to Department Chairperson, Philosophy
B.A., Illinois State University

Aysen Bakir
Assistant Professor, Marketing
Ph.D., University of Mississippi

Jeffrey Bakken
Professor, Special Education
Ph.D., Purdue University

Elango Balasubramanian
Associate Professor, Management and Quantitative Methods
Ph.D., City University of New York

Nancy Lynn Baldoni
Academic Advisor, College of Business Student Advisement
M.S. in Ed., Illinois State University

John R. Baldwin
Associate Professor, School of Communication
Ph.D., Arizona State University

Arun Bantwal Baliga
Specialist, Computer Support
Institutional Web Support Services
M.S., Illinois State University

Donna Roszak Banner
Associate University Registrar
M.S., Illinois State University

John H. Bantham
Associate Professor, Management and Quantitative Methods
Ph.D., Syracuse University

Mary Elizabeth Bantham
NTT Clinical Assistant Professor
Special Education
M.S., Southern Connecticut State University

Karie Barbour
Assistant Professor, Economics
Ph.D., University of Tennessee-Knoxville

Nathan Allen Bargar
Admissions Counselor
B.S., Illinois State University

Beverly Jane Barham
Assistant Professor, Health Sciences
Ph.D., University of Illinois-Springfield

Julie Teressa Barnhill
Assistant Director, Presidential and University Wide Events
B.S., Illinois State University

David Barone
Department Chairperson
Professor, Psychology
Ph.D., University of California-Santa Barbara

Jeffrey Edward Barrett
Associate Professor, Mathematics
Ph.D., State University of New York College-Buffalo

Daniella R. Barroquiero
Assistant Professor, School of Art
Ph.D., University of Illinois-Urbana-Champaign
Fred Basolo, Jr.
Faculty Associate, Thomas Metcalf School
M.S., Eastern Illinois University
Temba C. Bassoppo-Moyo
Assistant Professor, Curriculum and Instruction
Ph.D., Florida State University
Alan B. Bates
Assistant Professor, Curriculum and Instruction
Ph.D., University of California-Santa Barbara
Keldon J. Bauer
Assistant Professor, Finance, Insurance and Law
Ph.D., Texas Tech University
Carolyn Baughn
NTT Lecturer, English
M.A., Illinois State University
Michael Church Baum
Staff Psychologist, Student Counseling Services
Ph.D., University of Texas-Austin
Cynthia Baumgardner
NTT Instructional Assistant Professor
Mathematics
M.S., University of Illinois-Chicago
John E. Baur
Professor, Chemistry
Ph.D., Indiana University-Bloomington
Megan E. Baxter
Academic Advisor, University College
M.S., Eastern Illinois University
Christy Noel Bazan
NTT Instructional Assistant Professor
Health Sciences
M.P.H., Benedictine University
Darwin Gene Beachy
Assistant to General Manager, Vidette
B.S., Illinois State University
Barbara Baird Beccue
Professor, School of Information Technology
Ph.D., University of Illinois-Urbana-Champaign
Ann Elizabeth Beck
Professor, Speech Pathology and Audiology
Ph.D., University of Illinois-Urbana-Champaign
Frank D. Beck
Associate Professor, Sociology and Anthropology
Ph.D., Pennsylvania State University
Wayne Ray Beckner
Assistant Professor, School of Art
M.F.A., University of Missouri-Columbia
Brent A. Beggs
Assistant Professor, School of Kinesiology and Recreation
Ph.D., Indiana University-Bloomington
Jeri M. Beggs
Assistant Professor, Marketing
Ph.D., Saint Louis University
Dawn M. Beichner
Assistant Professor, Criminal Justice Sciences
Ph.D., University of Nebraska-Omaha
Augustus Leon Beier
Professor, History
Ph.D., Princeton University
Lucinda McCray Beier
Associate Professor, History
Ph.D., University of Lancaster
Raufu Ola Bello
Academic Advisor, Mennonite College of Nursing
M.P.A., University of Illinois-Springfield
Daniel Andrew Belongia
Assistant Professor, School of Music
M.M., University of Miami
Penelope Anne Bender
Faculty Associate, Thomas Metcalf School
M.S., Illinois State University
Dana Benelli
Assistant Professor, School of Theatre
Ph.D., University of Iowa
Rebecca A. Benner
Executive Director, Advancement and Administrative Services
M.S., Illinois State University
Carol Lynn Benson
Faculty Associate, University High School
D.A., Illinois State University
Linda Jill Benson
Associate Dean of Students
M.S., Indiana State University
Bruce Lind Bergethon
Manager, Radio Station WGLT
M.A., Temple University
Raymond Michael Bergner
Professor, Psychology
Ph.D., University of Colorado-Boulder
Patricia Dianne Berndt
Academic Advisor, School of Social Work
M.S.W., University of Illinois-Urbana-Champaign
Joseph Claude Bernert
Instructional Developer, Instructional Technology Development
M.M., Illinois State University
Gina Louise Hunter D. Bessa
Assistant Professor, Sociology and Anthropology
Ph.D., University of Illinois-Urbana-Champaign
Anne Finn Bettendorf
Assistant to Department Chairperson
Biological Sciences
M.S., South Dakota State University
Gina Lea Bianchi
Director, Development
M.S., Illinois State University
Thomas James Bierma
Professor, Health Sciences
Ph.D., University of Illinois-Chicago
William R. Biles
Department Chairperson
Professor, History
Ph.D., University of Illinois-Chicago
Sherrilyn M. Billger
Assistant Professor, Economics
Ph.D., University of Illinois-Urbana-Champaign
John Francis Binning
Associate Professor, Psychology
Ph.D., University of Akron
Carla Rae Birckelbaw
Director, Computer Infastructure Support Services
B.A., University of Illinois-Urbana-Champaign
Diane L. Bjorklund
Associate Professor, Sociology and Anthropology
Ph.D., University of California-Davis
Maureen Estelle Blair
Director, University Housing Service
M.S. in Ed., Eastern Illinois University
Barbara Blake
Assistant to Vice President and Director
Office of Budget Planning
B.S., Bradley University
Joseph R. Blaney
Associate Professor, School of Communication
Ph.D., University of Missouri-Columbia
Marilyn Frechin Blank
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University
Barry Robert Blinderman
Director, University Galleries
M.A., University of Pennsylvania
Glenn Block
Professor, School of Music
Ph.D., University of California-San Diego
Amy Melissa Bloom
Assistant Professor, Geography-Geology
M.S., University of Utah
Craig Blum
Assistant Professor, Special Education
M.Ed., California State U-Northridge
Susan Jane Blystone
Assistant Director, University Marketing and Communications
M.S., Illinois State University
Stacey Jones Bock
Associate Professor, Special Education
Ph.D., University of Kansas
Ross Bogue
Coordinator, Computer Support
Ph.D., Purdue University
Michelle Kristina Bohm
Specialist, Academic Administrative Services
B.S., Illinois State University
Anita Perna Bohn
Assistant Professor, Curriculum and Instruction
Ed.D., Illinois State University
Willard Bohn
Distinguished Professor, Foreign Languages
Ph.D., University of California-Berkeley
James Alan Boitos
Professor, School of Music
M.M., Northwestern University
Melinda Bolin
Sponsored Project, Program Coordinator
B.A., Illinois Wesleyan University
Angela Bonnell
Associate Professor, Milner Library
M.S., Illinois State University
Leanna K. Bordner
Assistant Director, Intercollegiate Athletics-Marketing/Sr. Womens Administration
M.S.P.E., Indiana University-Bloomington
Paul William Borg
Acting Director, School of Art
Professor, School of Music
Ph.D., Indiana University-Bloomington
Tiffany Joann Borne
Academic Advisor, University College
M.S. in Ed., Illinois State University
Richard Allen Boser
Professor, Technology
Ph.D., Texas A & M University
Charles Arthur Boudreau
Director, Financial Aid
Ph.D., University of South Florida
Charles V. T. Boudreaux
Staff Psychologist, Student Counseling Services
M.A., University of Minnesota-Twin Cities
Sylvie Bouriaux
Associate Professor, Finance, Insurance and Law
Ph.D., University of Paris
Rachel Michelle Bowden
Assistant Professor, Biological Sciences
Ph.D., Indiana University-Bloomington
Clarence Alvin Bowman
President
Associate Professor, Speech Pathology and Audiology
Ph.D., University of Illinois-Urbana-Champaign
Linda S. Bowman
Academic Advisor, Speech Pathology and Audiology
M.S., Illinois State University
Marilyn Miller Boyd
Coordinator, International House Programs
M.A., Illinois State University
Morag Elizabeth Boyd
Assistant Professor, Milner Library
M.L.S., University of Illinois-Urbana-Champaign
Vincent Sterling Boyd
Assistant to Department Chairperson
Criminal Justice Sciences
M.S. In Com., University of Illinois-Urbana-Champaign
Kevin Thomas Boyer
NTT Instructional Assistant Professor
Mathematics
M.S., Illinois State University
Jeanne Marie Boyle
Cooridinator, Clinical Experiences
M.A., Governors State University
Wanda Bracy
Director, School of Social Work
Associate Professor, School of Social Work
Ed.D., Northern Illinois University
Robert Charles Bradley
Professor, Politics and Government
Ph.D., University of Kentucky
Nancy J. Aabel Bragg
Coordinator, Center for Teaching, Learning and Technology
Ed.D., Illinois State University

Stephen M. Bragg
Vice President, Finance and Planning
Ed.D., Pennsylvania State University

Lee Ellen Brasseur
Professor, English
D.A., University of Michigan-Ann Arbor

Gregory S. Braswell
Assistant Professor, Psychology
Ph.D., University of Illinois-Urbana-Champaign

Paul Ehmann Brauchle
Professor, Technology
Ph.D., University of Missouri-Columbia

Nicole B. Brauer
Assistant Director, Wellness Program
M.S., Illinois State University

David Andrew Braun
Staff Physician, Health Sciences
M.D., University of Iowa

Susan M. Braxton
Assistant Professor, Milner Library
M.L.S., University of Illinois-Urbana-Champaign

Christina Ann Bray
Coordinator, Clinical Experiences and Certification Processes
M.S. in Ed., Illinois State University

Joan M. Brehm
Assistant Professor, Sociology and Anthropology
Ph.D., Utah State University

Michael J. Breitner
Director, Bone Student Center and Braden Auditorium
M.S. in Ed., Eastern Illinois University

Christopher David Breu
Assistant Professor, English
Ph.D., University of California-Santa Cruz

Charles E. Bristow
Instructional Developer, Instructional Technology Development
M.S., Rutgers University-New Brunswick

Robert Lavery Broad
Associate Professor, English
Ph.D., Miami University

James Thomas Broadbear
Associate Professor, Health Sciences
Ph.D., Indiana University-Bloomington

Victoria January Brockhouse
Staff Physician, Health Services
D.O., Midwestern University

Donna Marie Brouillette
NTT Clinical Assistant Professor
Curriculum and Instruction
M.S., in Ed., Illinois State University

Daniel P. Browder
Associate Professor, School of Theatre
M.F.A., Indiana University-Bloomington

Cynthia L. Brown
Assistant Professor, School of Theatre
Ph.D., Arizona State University

Dale Douglas Brown
Professor, School of Kinesiology and Recreation
Ph.D., Southern Illinois University-Carbondale

Danny C. Brown
Associate Professor, Technology
Ph.D., University of Illinois-Urbana-Champaign

Darryl L. Brown
Assistant Professor, Accounting
M.S., University of Arizona

David Kelly Brown
Associate Professor, Sociology and Anthropology
Ph.D., Northwestern University

Dustin C. Brown
Specilaist, Mennonite College of Nursing Technology
B.S., Devry University

Ryan Keith Brown
Associate Professor, Technology
Ed.D., University of Kentucky

Tiffany Joann Browning
Academic Advisor, University College
M.S. in Ed., Illinois State University

Maureen Brunsdale
Associate Professor, Milner Library
M.A., University of Iowa

Chad Edmund Buckley
Associate Professor, Milner Library
M.A., University of Missouri-Columbia

Dagmar Budikova
Assistant Professor, Geography - Geology
Ph.D., University of Calgary

Eileen Marie Bularzik
Supervisor, Student Teachers, English
M.S., Illinois State University

Chrysalis Chablis Buller
Specialist, Senior-Dean of Students
M.A., Bowling Green State University

Bridget Nicole Burrell
Area Coordinator, Residential Life
M.S., Illinois State University

Susan Meredith Burt
Associate Professor, English
Ph.D., University of Illinois-Urbana-Champaign

Victoria Bush
Specialist, Computer Support, Center for Teaching, Learning and Technology
M.A., Indiana University-Bloomington

Peter John Bushell
Associate Professor, School of Art
M.F.A., University of Illinois-Urbana-Champaign

James Douglas Butler
Distinguished Professor, School of Art
M.F.A., University of Nebraska-Lincoln

Diane L. Byers
Associate Professor, Biological Sciences
Ph.D., Rutgers University-New Brunswick

George E. Byrns
Associate Professor, Health Sciences
Ph.D., Johns Hopkins University

Ann Marie Caldwell
Director, Disability Concerns
M.S. in Ed., Illinois State University

Janet Elaine Caldwell
Academic Advisor, Special Education
M.S., Illinois State University

Rachel Jane Calhoun
Research Associate, Development-Information and Donor Services
B.A., Illinois Wesleyan University

Mary Elaine Califf
Associate Professor, School of Information Technology
Ph.D., University of Texas-Austin

Susan K. Callahan
Assistant Director, Alumni Relations
M.B.A., University of Illinois-Urbana-Champaign

Kerri E. Calvert
Coordinator, Health Promotion, Health Services
M.S.W., University of Missouri-Columbia

Cathleen M. Campbell-Raufer
NTT Instructional Assistant Professor, Psychology
Ph.D., Loyola University of Chicago

Mary Peterman Campbell
Associate Professor, School of Social Work
M.S.W., Ohio State University

Sara Lea Campbell
Associate Dean, Mennonite College of Nursing
Associate Professor, Mennonite College of Nursing
D.Nursing Sci., Indiana University-Bloomington

Maria E. Canabal
Professor, Family and Consumer Sciences
Ph.D., University of Illinois-Urbana-Champaign

Angelo Paul Capparella
Associate Professor, Biological Sciences
Ph.D., Louisiana State University and A & M

Jeffrey Lon Carlson
Associate Professor, Economics
Ph.D., University of Illinois-Urbana-Champaign

Karyl K. Carlson
Associate Professor, School of Music
D.M.A., Michigan State University

Beth Anne Carpenter
NTT Lecturer, School of Kinesiology and Recreation
M.S., Eastern Illinois University

Thelma Jean Carpenter-Ellis
Faculty Associate, University High School
M.A., University of Iowa

David Joseph Carroll
NTT Instructional Assistant Professor, History
M.A., Illinois State University

Kathryn S. Carter
Assistant Director, Development
Radio Station W.G.L.T.
B.A., Quincy University

Salvatore J. Catanzaro
Associate Dean, Arts and Sciences
Professor, Psychology
Ph.D., University of Connecticut

Gary Lynn Cates
Assistant Professor, Psychology
Ph.D., Mississippi State University

David Cedeno
Assistant Professor, Chemistry
Ph.D., Baylor University

Jih Young Chang
Assistant Director, Financial Aid
M.A., Illinois State University

Sukjung John Chang
Professor, Finance, Insurance and Law
Ph.D., University of Maryland-College Park

Rebecca Chase
Academic Advisor, Women's Studies
Ph.D., New York University

Fuxia Cheng
Assistant Professor, Mathematics
M.A., Michigan State University

Hou Tak Cheung
Professor, Biological Sciences
Ph.D., University of Wisconsin-Madison

Phillip J. Chidester
Assistant Professor, School of Communication
Ph.D., University of Kansas

Anita Lynn Chiodo
NTT Lecturer, Honors Program
M.S.W., University of Illinois-Urbana-Champaign

Askar Choudhury
Associate Professor, Management and Quantitative Methods
D.Phil.Bus.Adm., Arizona State University

Richard Christensen
Associate Professor, Milner Library
M.A., University of Iowa

Curtis Kenneth Christenson
Faculty Associate, University High School
M.S. in Ed., Illinois State University

Scott W. Christner
Assistant to Dean, Dean of Business
M.B.A., Illinois State University

Indu Prabha Christopherson
NTT Instructional Assistant Professor, Chemistry
Ph.D., Illinois State University

Kyle Emily Ciani
Assistant Professor, History
Ph.D., Michigan State University

Marabeth Clapp
Assistant Vice President, Business Services
M.B.A., Western New England College

Brian Keith Clark
Professor, Physics
Ph.D., University of Missouri-Rolla

Janet L. Claus
Academic Advisor, University College
M.A., Illinois State University

Neal Raymond Clemens
Associate Professor, History
Ph.D., Columbia University-New York City

McKenzie Alexander Clements
Associate Professor, Mathematics
Ph.D., University of Melbourne

Linda Marie Clemmons
Assistant Professor, History
Ph.D., University of Illinois-Urbana-Champaign

Kathleen Malone Clesson
Faculty Associate, University High School
M.Ed., University of Illinois-Urbana-Champaign

Karen S. Coats
Associate Professor, English
Ph.D., George Washington University

Raymond L. Cohn
Professor, Economics
Ph.D., University of Oregon

Sandy L. Colbs
Director, Student Counseling Services
Ph.D., Southern Illinois University-Carbondale
Sara L. Cole
Assistant Professor, Health Sciences
M.A., Central Michigan University
Margaret Mary Coleman
Associate Professor, School of Kinesiology and Recreation
Ph.D., University of South Carolina-Columbia
David Louis Collier
Assistant Professor, School of Music
D.M.A., Univeristy of Illinois-Urbana-Champaign
Mark Edward Comadena
Professor, School of Communication
Ph.D., Purdue University
Mark John Comerford
Assistant Professor, Technology
M.Arch., Harvard University
Brian Todd Conant
Faculty Associate, University High School
B.S., Illinois State University
Heather K. Conley
Assistant Professor, Geography-Geology
M.S., University of Iowa
Kathleen Conley
Associate Professor, Milner Library
M.S., University of Illinois-Urbana-Champaign
Kevin Lee Conlin
Coordinator, Radio Operations, Radio Station W.G.L.T.
B.S., Illinois State University
Martha E. Cook
Associate Professor, Biological Sciences
Ph.D., University of Wisconsin-Madison
Pamela Jean Cooper
Assistant Director, Professional Practice
M.S. in Ed., Illinois State University
Beverly Lee Cornell
Faculty Associate, University High School
B.S. in Ed., Illinois State University
Christine Ann Corpus
Faculty Associate, University High School
M.S., University of Illinois-Urbana-Champaign
Jeffrey L. Courtright
Assistant Professor, School of Communication
Ph.D., Purdue University
James Edward Cox, Jr.
Professor, Marketing
Ph.D., University of Illinois-Urbana-Champaign
Michaelene D. Cox
Assistant Professor, Politics and Government
Ph.D., University of Alabama
Nicole C. Cox
Staff Counselor, Student Counseling Services
B.S. in E. Law, Adler School of Professional Psychology
John Austin Crabill
Director, Environmental Health and Safety
M.S., Central Missouri State University
Caroline Kern Craig
Professor, Accounting
Ph.D., University of Illinois-Urbana-Champaign
Thomas Robert Craig
Professor, Accounting
Ph.D., University of Illinois-Urbana-Champaign
William J. Crampton
Assistant Professor, Accounting
Ph.D., Kent State University
Gary L. Creasey
Professor, Psychology
Ph.D., Virginia Commonwealth University
Karla Doepke Critchfield
Associate Professor, Psychology
Ph.D., West Virginia University
Thomas Scott Critchfield
Associate Professor, Psychology
Ph.D., West Virginia University
Joan E. Crooks
NTT Lecturer, English
M.S., Illinois State University
Austin Lane Crothers
Professor, Politics and Government
Ph.D., Vanderbilt University
Galen Burdell Crow
Executive Director, Extended University
Professor, School of Information Technology
Ph.D., Illinois State University
Dennis Jay Crowell
Academic Advisor, School of Social Work
M.S.W., University of Illinois-Urbana-Champaign
E. Paula Crowley
Professor, Special Education
Ph.D., University of Virginia
Anthony Crubaugh
Associate Professor, History
Ph.D., Columbia University-New York City
Thomas P. Crumpler
Associate Professor, Curriculum and Instruction
Ph.D., Ohio State University
Ricardo Cortez Cruz
Associate Professor, English
M.S., Illinois State University
Cory Elliot Culbertson
Faculty Associate, University High School
M.S., Illinois State University
Robert Cullen
Assistant Professor, Family and Consumer Sciences
Ph.D., University of California-Berkeley
William Ray Cummins
Director, University Data Administration
M.S., Illinois State University
James L. Cunningham
Associate Professor, Milner Library
M.L.S., University of Illinois-Urbana-Champaign
William Richard Cupach
Professor, School of Communication
Ph.D., University of Southern California
Kathryn Bridget Curl
Assistant Director, Financial Aid
B.S., Quincy University
Deborah J. Curtis
Acting Dean, Education
Professor, Curriculum and Instruction
Ph.D., Indiana State University
Judith E. Curtis
Assistant University Registrar
B.A., Monmouth College
Rodney L. Custer
Department Chairperson
Professor, Technology
Ph.D., University of Missouri-Columbia
Craig Warren Cutbirth
Associate Professor, School of Communication
Ph.D., Bowling Green State University
John Cooper Cutting
Associate Professor, Psychology
Ph.D., University of Illinois-Urbana-Champaign
Barbara Lee Dalllinger
Coordinator, Dean of Students
M.S. in Ed., Illinois State University
Janet Louise Daniels
NTT Clinical Assistant Professor, Curriculum and Instruction
M.S.in Ed., Illinois State University
Anagha Sandeep Davalbhakta
Coordinator, Residence Hall
M.S., Illinois State University
April Lynn Davenport
Faculty Associate, Thomas Metcalf School
B.S., Bradley University
James Edgar Day
Professor, Geography - Geology
Ph.D., University of Iowa
Roger Paul Day
Associate Professor, Mathematics
Ph.D., University of Minnesota-Twin Cities
Diane R. Dean
Assistant Professor, Educational Administration and Foundations
Ed.D., Columbia University-New York City
Robert L. Dean
Superintendent of Laboratory Schools
Ph.D., University of Wisconsin-Madison
Bradley Michael Dearing
Faculty Associate, University High School
M.S., Illinois State University
Bruce W. Deason
Assistant Director, University Research
M.P.A., Western Michigan University
Susan Deason
Assistant Director, Extended University
M.S., Western Illinois University
Jody Lynn Decremer
Assistant to Director, Arts Technology
M.S., Illinois State University
Mahide Demirci
Associate Professor, English
Ph.D., Michigan State University
Paul R. Dennhardt
Associate Professor, School of Theatre
M.F.A., Western Illinois University
Marcia Lynn Dennis
Supervisor, Clinical, Speech Pathology and Audiology
M.S., Illinois State University
Terry L. Dennis
Director, School of Information Technology
Professor, School of Information Technology
Ph.D., Purdue University
Christopher Charles De Santis
Associate Professor, English
Ph.D., University of Kansas
Eros R. Desouza
Professor, Psychology
Ph.D., University of Missouri-Kansas City
Harry Seton Deutsch
Professor, Philosophy
Ph.D., University of California-Los Angeles
Victor G. Devinatz
Professor, Management and Quantitative Methods
Ph.D., University of Minnesota-Twin Cities
Danielle Marie Devine
Coordinator, Clinical Experiences and Certification Processes
M.S., Western Illinois University
Kevin L. Devine
Assistant Professor, Technology
Ed.D., Illinois State University
Gina Rae Dew
Academic Advisor, University College
B.S., Illinois State University
Judith Ann Dicker
NTT Instructional Assistant Professor
School of Music
M.M., Indiana University-Bloomington
Michael Henry Dicker
Professor, School of Music
M.M., University of Michigan-Ann Arbor
Sarah Elizabeth Dickerson
Faculty Associate, University High School
B.A., Illinois State University
Sarah Diel-Hunt
Assistant Dean, College of Arts and Sciences
M.A., University of Northern Iowa
Marie Digiammarino
Professor, School of Music
Ed.D., Illinois State University
James E. Dirks
Academic Advisor, School of Information Technology
M.A., Indiana University of Pennsylvania
Ronald K. Dow
Staff Counselor, Student Counseling Services
M.S.W., University of Wisconsin-Madison
William Douglas Dowell
NTT Instructional Assistant Professor
Sociology and Anthropology
M.S., Illinois State University
Meredith Downes
Associate Professor, Management and Quantitative Methods
D.Phil.Bus.Adm., Florida International University
Frederick Dean Drake
Associate Professor, History
D.A., Illinois State University
Jonathan M. Druker
Assistant Professor, Foreign Languages
Ph.D., University of California-Berkeley

Antoinette Peter Dsouza
Coordinator, Residence Hall
M.B.A., Rizvi Academy of Management

Robert Thomas Dubay
Coordinator, Recreation Services
M.A., University of Iowa

Susan Lynn Dudolski
Area Coordinator, Residential Life
M.S., Western Illinois University

Wendy A. Duffy
Assistant Professor, Accounting
Ph.D., University of Illinois-Urbana-Champaign

Michael Phillip Dumler
Professor, Management and Quantitative Methods
D.B.A., University of Kentucky

Maggie Duncan-Flowers
NTT Instructional Assistant Professor
School of Art
Ph.D., University of Illinois-Urbana-Champaign

Norman Dean Durflinger
Assistant Professor, Educational Administration and Foundations
Ed.D., Illinois State University

Connie Sue Dyar
Assistant Professor, Family and Consumer Sciences
M.S., Illinois State University

Mary J. Dyck
Assistant Professor, Mennonite College of Nursing
M.S.N., University of Virginia

Kristin Ann Dykstra
Assistant Professor, English
Ph.D., State University of New York College-Buffalo

Lucille Teichert Eckrich
Assistant Professor, Educational Administration and Foundations
Ph.D., State University of New York-Buffalo

Binoy Devassy Edathiparambil
Specialist, Computer Support, Institutional Web Support Services
B.E., University of Delhi

Kevin Andrew Edwards
Associate Professor, Biological Sciences
Ph.D., Duke University

Laura C. Edwards
Academic Advisor, Foreign Languages
M.A., Illinois State University

Roger B. Eggleton
Professor, Mathematics
Ph.D., University of Calgary

Fabiola Ponce Ehlers-Zavala
Assistant Professor, Curriculum and Instruction
Ph.D., Illinois State University

Margot Ehrlich
Faculty Associate, Thomas Metcalf School
B.M., Indiana University-Bloomington

Kathleen A. Elder
Faculty Associate, Thomas Metcalf School
B.S. in Ed., Illinois State University

Mohamed El-Gafy
Assistant Professor, Technology
Ph.D., Florida State University

Daniel J. Elkins
Assistant Professor, School of Kinesiology and Recreation
Ph.D., Indiana University-Bloomington

Nerida Ellerton
Professor, Mathematics
Ph.D., Victoria University of Wellington

Katherine Elaine Ellison
Assistant Professor, English
Ph.D., Emory University

Thomas Ellsworth
Department Chairperson
Professor, Criminal Justice Sciences
Ph.D., Illinois State University

Saad I. El-Zanati
Professor, Mathematics
Ph.D., Auburn University

Cheryl Asper Elzy
Dean, University Libraries
Professor, Milner Library
C.A.S., University of Illinois-Urbana-Champaign

Angela K. Engel
Specialist, Planning and Institutional Research
M.B.A., Illinois State University

Stephanie Ann Epp
Director, National Board Resource Center
M.S. in Ed., Drake University

John Gary Erisman
NTT Instructional Assistant Professor
Health Sciences
Ph.D., University of Illinois-Urbana-Champaign

Erik Sean Estep
Assistant Professor, Milner Library
M.L.S., Indiana University-Bloomington

James B. Evens
Coordinator, Micro-Computer Laboratories Technology
B.S., Saint Cloud State University

Nuusa Taviuni Faamoe
Academic Advisor, University College
B.A., University of The South Pacific

Mary Jo Fabich
Coordinator, Transition and Orientation Services
M.A., Bowling Green State University

David N. Falcone
Professor, Criminal Justice Sciences
Ph.D., Saint Louis University

Joan Stevenson Falcone
Academic Advisor, Family and Consumer Sciences
D.A., Illinois State University

Kenneth William Fansler
Director, Technology Services, College of Education
M.M.Ed., Illinois State University

Valeri Farmer-Dougan
Associate Professor, Psychology
Ph.D., Washington State University

Teresa Jean Farr
Academic Advisor, Sociology and Anthropology
M.S., Illinois State University

Sue Patricia Farrell-Stroyan
Faculty Associate, Thomas Metcalf School
B.A., Loretto Heights College

Mark Benjamin Fauble
Coordinator, Employer Development Career Center
B.S. in Mktg., Eastern Illinois University

Angelo Ledesma Favis
Assistant Professor, School of Music
D.M.A., Manhattan School of Music

Farzaneh Fazel-Sarjui
Professor, Management and Quantitative Methods
Ph.D., University of Illinois-Urbana-Champaign

Gregory Ferrence
Associate Professor, Chemistry
Ph.D., Purdue University

Tom G. Ferry
NTT Instructional Assistant Professor
Mathematics
M.A., University of Illinois-Springfield

David Feurzeig
Associate Professor, School of Music
D.M.A., Cornell University

Richard Dean Finch
Professor, School of Art
M.F.A., Southern Illinois University-Edwardsville

Melinda Sue Fischer
Head Womens Softball Coach, Intercollegiate Athletics
M.S., Illinois State University

Linda Marie Willis Fisher
Associate Professor, School of Art
Ed.D., Illinois State University

Rita Jean Fisher
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University

Robert L. Fisher
Specialist, University Retiree, Dean of Education
Ed.D., University of Nebraska-Lincoln

Jennifer Marie Fissel
Coordinator, Financial Aid
B.A., Illinois State University

Dennis Michael Fitzgerald
Specialist, Financial Aid
M.P.S., Central Michigan University

Robert James Fitzgerald
Faculty Associate, University High School
M.S., Illinois State University

Dale Edward Fitzgibbons
Associate Professor, Management and Quantitative Methods
Ph.D., University of Illinois-Urbana-Champaign

George B. Flanigan
Professor, Finance, Insurance and Law
Ph.D., University of Iowa

H. Kassia Fleisher
Assistant Professor, English
Ph.D., State University of New York-Binghamton

Marlene Fogarty
NTT Clinical Assistant Professor, Curriculum and Instruction
M.A.Ed., George Washington University

Diane M. Folken
Associate Director, Mennonite College of Nursing
Business and Finance
B.S., Illinois State University

Eloise Christine Foote
NTT Instructional Assistant Professor
Mathematics
M.S., Illinois State University

Michael I. Forbes
Assistant Professor, School of Music
D.M.A., University of Maryland-College Park

Peter O. Foreman
Assistant Professor, Management and Quantitative Methods
Ph.D., University of Illinois-Urbana-Champaign

Ronald John Fortune
Professor, English
Ph.D., Purdue University

Terry V. Foster
NTT Instructional Assistant Professor, Technology
M.S., Illinois State University

Eileen R. Fowles
Associate Professor, Mennonite College of Nursing
Ph.D., Loyola University of Chicago

Patrick Eugene Francken
NTT Instructional Assistant Professor, Philosophy
Ph.D., Wayne State University

Jacquelyn B. Frank
Associate Professor, School of Social Work
Ph.D., Northwestern University

Bruce Allan Franson
Specialist, Computer Support, Instructional Technology - College of Education
Ed.D., Illinois State University

Timothy C. Fredstrom
Assistant Professor, School of Music
Ph.D., University of Nebraska-Lincoln

Dennis Ray French
Associate Professor, School of Art
M.F.A., University of Illinois-Urbana-Champaign

Jon Friesen
Assistant Professor, Chemistry
Ph.D., Purdue University

Amy Elizabeth Fritson-Coffman
Assistant Principal, Thomas Metcalf School
M.A., Northeastern Illinois University

Barbara M. Fulk
Associate Professor, Special Education
Ph.D., Purdue University

Harlan Jay Fuller
NTT Instructional Assistant Professor, Accounting
M.S., Illinois State University

Theodore D. Fuller
NTT Instructional Assistant Professor
Mathematics
M.S., Illinois State University

Mary Jane Fulton
Academic Advisor, Intercollegiate Athletics
M.S., Eastern Illinois University

Lynn Ann Gaddis
Director, National Board Resource Center
Ed.D., Illinois State University

Barbara A. Gallick
Head Teacher, Child Care Center
M.S., Illinois State University

Jinadasa Kankanam Gamage
Professor, Mathematics
Ph.D., University of Windsor

Dianne Gardner-Gletty
Assistant Professor, Educational Administration and Foundations
Ph.D., University of Wisconsin-Madison

Deborah A. Garrahy
Associate Professor, School of Kinesiology and Recreation
Ph.D., Indiana University-Bloomington

Paul A. Garris
Professor, Biological Sciences
Ph.D., Indiana University-Purdue University-Indianapolis

Craig Gatto
Associate Professor, Biological Sciences
Ph.D., University of Missouri-Columbia

Charles Milton Gault
Faculty Associate, University High School
B.S., Eastern Illinois University

Deborah Barnes Gentry
Associate Dean, Applied Science and Technology
Professor, Family and Consumer Sciences
Ed.D., Illinois State University

Sarah J. Gentry
Associate Professor, School of Music
Mus.D., Indiana University-Bloomington

Carol Dianne Genung
Specialist, Computer Support, College of Arts and Sciences-Information Technology
B.A., Eureka College

Thomas J. Gerschick
Associate Professor, Sociology and Anthropology
Ph.D., University of Michigan-Ann Arbor

Lucia Cordell Getsi
Distinguished Professor, English
Ph.D., Ohio University

Suan Gibson
NTT Lecturer, School of Communication
M.A., State U of New York-Buffalo

Ronald M. Gifford, II
Academic Advisor, History
Ph.D., Indiana University-Bloomington

Jennie A. Gilbert
Assistant Professor, School of Kinesiology and Recreation
Ph.D., University of Illinois-Urbana-Champaign

Virginia Teas Gill
Associate Professor, Sociology and Anthropology
Ph.D., University of Wisconsin-Madison

Jack A. Glascock
Associate Professor, School of Communication
Ph.D., Michigan State University

Adam Patrick Goduto
Director, Annual Fund
B.S., Illinois State University

Daniel Joseph Goebel
Associate Professor, Marketing
D.Phil.Bus.Adm., University of South Florida

Rebecca Sue Goeckner
Coordinator, Study Abroad Programs
M.S. in Ed., Illinois State University

Rajeev Kumar Goel
Professor, Economics
Ph.D., University of Houston

Anuradha Ashok Gokhale
Professor, Technology
Ph.D., Iowa State University

Nelson A. Gomez-Guzman
Coordinator, Residence Hall
M.B.A., Illinois State University

Stephanie Denise Gonzalez
Academic Advisor, International Studies
M.A., University of Luton

Julie D. Goodlick
Assistant Director, Alumni Services
M.S., Illinois State University

Mary Meclenburg Goodwin
NTT Instructional Assistant Professor, School of Information Technology
M.B.A., University of Iowa

Stephen Arthur Goodwin
Professor, Marketing
Ph.D., University of Iowa

Lonny J. Gordon
Dean, Fine Arts
Professor, School of Theatre
M.F.A., University of Wisconsin-Madison

Michael John Gorr
Professor, Philosophy
Ph.D., Brown University

Toni L. Gorrell
Academic Advisor, Curriculum and Instruction
M.S. in Ed., Southern Illinois University-Carbondale

Jean Marie Gorski
Faculty Associate, University High School
M.A., University of California-Santa Barbara

Sandra Keith Gosch
NTT Instructional Assistant Professor, Family and Consumer Sciences
M.S. in Ed., Northwestern State University

Janet Louise Goucher
Assistant Director, University Research
M.S., Southeast Missouri State University

Robin Kay Gould
Research Associate, Planning and Institutional Research
M.S., Illinois State University

Jeffrey Donald Grabb
Associate Director, Mennonite College of Nurisng Technology
B.S., Illinois State University

Claude L. Graeff
Professor, Management and Quantitative Methods
Ph.D., University of Illinois-Urbana-Champaign

Lee Allen Graf
Coordinator, Graduate Program
Professor, Management and Quantitative Methods
D.B.A., Mississippi State University

Mary Bernadette Graham-Buxton
Academic Advisor, School of Information Technology
M.S., Illinois State University

Thomas Walter Grant
Assistant Director, Financial Aid
M.S., Western Illinois University

Kenneth Ryan Gray
Coordinator, Illinois Articulation Initiative Systems, Office of the Registrar
M.Ed., Illinois State University

Daniel Franklin Graybill
Professor, Psychology
Ph.D., Vanderbilt University

Elaine Cook Graybill
Specialist, Communications
M.A., Vanderbilt University

Victoria Elizabeth Graziano
Faculty Associate, University High School
M.A., Eastern Illinois University

Martin Barry Greenberg
Academic Advisor, University College
M.S., Illinois State University

David Lee Greenfield
Director, Student Technology Support Services
M.S., Illinois State University

David S. Gresham
Assistant Professor, School of Music
D.M.A., Juilliard School

Rainer Grobe
Distinguished Professor, Physics
Ph.D., University of Essen

Jay Robert Groves
Assistant to President
M.S., Illinois State University

Sandra Lynn Groves
Director, Graduate Studies
Professor, School of Kinesiology and Recreation
Ph.D., Pennsylvania State University

Gabriel M. Gudding
Assistant Professor, English
M.F.A., Cornell University

Jon A. Gudenrath
Associate Director, Financial Aid
M.S., Illinois State University

Peter Guither
Assistant to Dean, Dean of Fine Arts
M.F.A., City University of New York-Brooklyn College

Tibor Bela Gyires
Professor, School of Information Technology
Ph.D., Kossuth Lajos University

Sarah Kristina Haberstich
Assistant Director, Contemporary Literature Unit English
M.S., Illinois State University

Steven J. Hagberg
Specialist, Computer User Services
B.S., Illinois State University

Lori Jean Hahm
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University

Nicholas Lee Haley
Specialist, Computer Infrastructure Support Services
B.S., Illinois State University

Jodi L. Hallsten
NTT Lecturer, School of Communication
M.A., University of North Dakota

Christopher Hamaker
Assistant Professor, Chemistry
Ph.D., Iowa State University

Nina Hamilton
Associate Professor, School of Social Work
M.S.W., University of Iowa

Marcus D. Hamp
Coordinator, Residence Hall
M.S., Indiana University-Bloomington

Lester Donald Hampton
Faculty Associate, University High School
B.S. in Ed., Illinois State University

Marian E. Hampton
Professor, School of Theatre
Ph.D., International College

Lara J. Handsfield
Assistant Professor, Curriculum and Instruction
Ph.D., University of Illinois-Urbana-Champaign

John F. Hansen
Professor, Chemistry
Ph.D., Duke University

Marjorie Ann Hansen
Specialist, Student Service and Referral Center
B.S. in Ed., Illinois State University

Heidi M. Harbers
Associate Professor, Speech Pathology and Audiology
Ph.D., University of Illinois-Urbana-Champaign

Kristin Lee Harding
Assistant Director, Admissions
M.S., Illinois State University

Mary Kay Harms
Academic Advisor, Special Education
M.S. in Ed., Illinois State University

Jan Ella Harrell
Faculty Associate, Thomas Metcalf School
B.A., Michigan State University

Gardenia Harris
Assistant Professor, School of Social Work
Ph.D., University of Illinois-Urbana-Champaign

Lesley Ann Harris
Academic Advisor, University College
B.S., Illinois State University

Victoria Frenkel Harris
Professor, English
Ph.D., University of Illinois-Urbana-Champaign

Sadri D. Hassani
Professor, Physics
Ph.D., Princeton University

Sarah Hassani
NTT Instructional Assistant Professor, Mathematics
D.A., Illinois State University

Agnes Marie Hatch
Faculty Associate, Thomas Metcalf School
Sp.Ed., Georgia Southwestern State University

Douglas D. Hatch
Assistant Professor, Curriculum and Instruction
Ed.D., University of South Florida

Beth Hatt-Echeverria
Assistant Professor, Educational Administration and Foundations
Ph.D., University of North Carolina-Chapel Hill

Roslin V. Hauck
Assistant Professor, Accounting
M.A., University of Arizona

Ann Haugo
Assistant Professor, School of Theatre
Ph.D., University of Illinois-Urbana-Champaign

Allyson Hawkins
Staff Psychologist, Student Counseling Services
Ph.D., University of Missouri-Columbia

Bruce Wayne Hawkins
Professor, English
Ph.D., University of California-San Diego

Danney R. Hayden
Assistant Vice President, Administrative Information Systems
M. Info. Mgt., Washington University

Thomas S. Haynes
Professor, Curriculum and Instruction
Ph.D., Southern Illinois University-Carbondale

Kimberly A. Hays
Associate Director, Student Counseling Services
Ph.D., University of Illinois-Urbana-Champaign

Linda Isaacson Healy
Coordinator, Radio Station WGLT
B.S., Illinois State University

James A. Hearn
Specialist, Computer Support, Applied Science and Technology
M.A.T., Olivert Nazarene University

Lorie A. Heggie
Assistant Professor, Foreign Languages
Ph.D., University of Southern California

Byron A. Heidenreich
Assistant Professor, Psychology
Ph.D., Indiana University-Bloomington

Thomas Anthony Heintzman
Specialist, Computer User Services
B.S., Illinois State University

Jeff Brian Helms
Coordinator, Student Center Events
B.S., Illinois State University

Masoud Hemmasi
Director, Research
Professor, Management and Quantitative Methods
Ph.D., Louisiana State University and A & M

Lori Ann Henehan
Associate Director, Disability Concerns
M. Rehab. Coun., University of Illinois-Urbana-Champaign

Michael Darrin Henning
Faculty Associate, University High School
M.S., Illinois State University

Mary Lyn Henninger
Assistant Professor, School of Kinesiology and Recreation
Ed.D., University of Massachusetts-Amherst

Colleen Denise Herald
Coordinator, Clinical Experiences and CertificationProcesses
M.S. in Ed., Illinois State University

Enrique Hermosilla-Palma
Coordinator, Residence Hall
M.S., Ohio University

Douglas Dean Hesse
Director, Honors Program
Professor, English
Ph.D., University of Iowa

Matthew S. Hesson-McInnis
Associate Professor, Psychology
Ph.D., University of Illinois-Urbana-Champaign

Jeffrey Wade Hill
Principal, University High School
M.S. in Ed., National-Louis University

Kimberly Allison Hilsenroth
Area Coordinator, Residential Life
M.S., Florida State University

Shawn R. Hitchcock
Associate Professor, Chemistry
Ph.D., University of California-Davis

Loren Hjelle
Coordinator, Radio Station WGLT
B.S., University of North Dakota

Ross Alan Hodel
Director, Center Study of Education Policy
Ph.D., Ohio State University

Mark L. Hoelscher
Assistant Professor, Management and Quantitative Methods
Ph.D., Texas Tech University

Kathryn Elaine Hoff
Assistant Professor, Psychology
Ph.D., Lehigh University

Sheryl Jean Hogan
Assistant Director, Disability Concerns
M.S., Illinois State University

Thomas Wade Holbrook
Faculty Associate, University High School
M.S. in Ed., Eastern Illinois University

Daniel L. Holland
Professor, Physics
Ph.D., University of California-Los Angeles

Christopher Hollingsworth
Assistant Professor, School of Music
D.M.A., University of Illinois-Urbana-Champaign

Jennifer Lynn Hootman
Assistant Professor, Milner Library
M.L.S., University of Illinois-Urbana-Champaign

Christopher J. Hoover
Head Women's Tennis Coach, Intercollegiate Athletics
B.A., Southwest Missouri State University

Christopher D. Horvath
Associate Professor, Philosophy
Ph.D., Duke University

Arlene Marie Hosea
Director, Campus Dining Services
B.S. in Diet., Illinois State University

Sarah Elizabeth Hosken
Specialist, Computer Support
Student Technology Support Services
B.S., Illinois State University

Alvin Enis House
Professor, Psychology
Ph.D., University of Tennessee-Knoxville

Doris M. Houston
Assistant Professor, School of Social Work
Ph.D., University of Illinois-Urbana-Champaign

Diana K. Hovey
NTT Clinical Assistant Professor
Curriculum and Instruction
M.A., Bradley University

Jack L. Howard
Professor, Management and Quantitative Methods
Ph.D., University of Illinois-Urbana-Champaign

Jeanne Ann Howard
Professor, School of Social Work
M.S.W., University of Illinois-Urbana-Champaign

Lillian Howard
Assistant Professor, School of Art
M.F.A., Rhode Island School of Design

Thomas Stanley Howe
Professor, Finance, Insurance and Law
Ph.D., Texas Tech University

Marianne Hronek
Specialist, Financial Aid
M.S. in Ed., Illinois State University

Benjamin Hubbard, Jr.
Faculty Associate, University High School
M.S. in Ed., Illinois State University

Deborah Lynn Hubbard
Faculty Associate, University High School
B.S. in Ed., Illinois State University

Vivian Collie Hubbard
Faculty Associate, Thomas Metcalf School
B.S., Illinois State University

Julie A. Huber
Coordinator, Enrollment Research and Analysis
B.S., Quincy University

Anthony Eugene Huchel
Faculty Associate, Thomas Metcalf School
M.S., Illinois State University

Lisa J. Huempfner
Assistant Professor, Foreign Languages
Ed.D., University of Vermont

Cynthia Huff
Professor, English
Ph.D., University of Iowa

Karla Jo Huffman
NTT Lecturer, School of Communication
M.S., Illinois State University

Richard L. Hughes
Assistant Professor, History
Ph.D., University of Kansas

Stephen Kent Hull II
Specialist, Computer Support, College of Arts and Sciences-Information Technology
B.S., Illinois State University

Amy L. Humphreys
Assistant to Dean, Dean of Business
M.S. in Ed., University of Illinois-Urbana-Champaign

Donna Jo Humphreys
Faculty Associate, Thomas Metcalf School
M.M., Baylor University

Michael Alan Humphreys
Associate Professor, Marketing
Ph.D., Oklahoma State University

Alycia Marilyn Hund
Assistant Professor, Psychology
Ph.D., University of Iowa

Stephen K. Hunt
Associate Professor, School of Communication
Ph.D., Southern Illinois University-Carbondale

Timothy Hunt
Department Chairperson
Professor, English
Ph.D., Cornell University

Gary L. Hunter
Assistant Professor, Marketing
D.Phil.Bus.Adm., University of Kentucky

William John Forbes Hunter
Associate Professor, Chemistry
Ph.D., Purdue University

Amy R. Hurd
Assistant Professor, School of Kinesiology and Recreation
Ph.D., Indiana University-Bloomington

Joy D. Hutchcraft
Executive Director, Development-Fundraising
B.S., University of Illinois-Urbana-Champaign

Lucian M. Ionescu
Assistant Professor, Mathematics
Ph.D., Kansas State University

Arthur F. Iorio
Associate Professor, School of Art
Ph.D., University of Virginia

Karen P. Irvin
Faculty Associate, Thomas Metcalf School
B.S., Rutgers University-New Brunswick

Amy Marjorie Irving
Associate Director, Mennonite College of Nursing
Public Relations
B.S., Illinois State University

Janeice Sue Ives
Faculty Associate, University High School
M.S., Illinois State University

Brian Patrick Jackson
Academic Advisor, University College
B.S., Illinois State University

Krista Marie Jackson
Academic Advisor, University College
B.S., Illinois State University

Martin Jackson
Director, Bone Student Center and Braden Auditorium
M.M.Ed., Illinois State University

Victoria Lee Jacobs
Faculty Associate, University High School
B.S., University of Illinois-Urbana-Champaign

Imran Khan Jalozie
Coordinator, Residence Hall
M.S., Illinois State University

Katherine Dawn James
Assistant Professor, Milner Library
M.S., Illinois State University
Patricia A. Jarvis
Professor, Psychology
Ph.D., Virginia Commonwealth University
Paul Arthur Jarvis
Associate Director, Student Counseling Services
Ph.D., University of Missouri-Columbia
Radheshyam K. Jayaswal
Professor, Biological Sciences
Ph.D., Purdue University
Brenda Recchia Jeffers
Associate Professor, Mennonite College of Nursing
Ph.D., Saint Louis University
Douglas Kevin Jennings
Associate Director, School of Communication
M.A., Ball State University
Patty J. Jensen
Faculty Associate, University High School
B.A., Whitworth College
Kenneth Frank Jerich
Associate Professor, Curriculum and Instruction
Ed.D., University of Illinois-Urbana-Champaign
Angela Marie Jerome
Assistant Professor, School of Communication
Ph.D., University of Kansas
Guang Jin
Associate Professor, Health Sciences
D.S., Tulane University
Domingo Castelo Joaquin
Associate Professor, Finance, Insurance and Law
Ph.D., Michigan State University
Bobbi Jeanette John
Specialist, Dean of Students, Intercultural Programs and Services
M.S., Illinois State University
Grace Foote Johns
Assistant to Department Chairperson, Physics
M.S., Illinois State University
Bruce Edward Johnson
Coordinator, Educational Partnerships, Curriculum and Instruction
M.S. in Ed., Illinois State University
Julie Satkamp Johnson
Associate Professor, School of Art
M.F.A., University of Illinois-Urbana-Champaign
Kaye Johnson
Associate Director, Academic Administrative Services
B.S., Illinois State University
Melissa A. Johnson
Assistant Professor, School of Art
Ph.D., Bryn Mawr College
Rickie Allen Johnson
Coordinator, Recreation Services
B.S.Com., Illinois State University
Tricia Widner Johnson
Assistant Professor, Family and Consumer Sciences
Ph.D., Oregon State University
Melanie Ann Johnston
Academic Advisor, School of Information Technology
M.S., Illinois State University
Ryan Steven Johnston
Specialist, Computer Infrastructure Support Services
B.S., Illinois State University
Eric Richard Jome
Coordinator, Media Relations
M.A., Western Illinois University
Sarah Jome
Associate Director, International Studies
M.A., Bowling Green State University
Clifton H. Jones
Professor, Milner Library
M.A., University of Denver
Darrell Dwayne Jones
Specialist, Computer Support
Arts Technology Lab
B.S., Illinois State University
James Robert Jones
Director, Center for Insurance and Financial Services
M.B.A., Saint Louis University
Jill Ann Jones
Director, Corporate and Foundation Relations
M.B.A., Illinois State University
Keith T. Jones
Assistant Professor, Accounting
Ph.D., University of Kentucky
Marjorie Ann Jones
Professor, Chemistry
Ph.D., University of Texas Health Science Center-San Antonio
Richard Allen Jones
General Manager, Vidette
M.S., Illinois State University
Chu J. Jong
Assistant Professor, School of Information Technology
Ph.D., University of New Mexico-Gallup
Jerome Scott Jordan
Associate Professor, Psychology
Ph.D., Northern Illinois University
Heather D. Jordon
Associate Professor, Mathematics
Ph.D., Western Michigan University
Malissa Beth Josephson
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University
Steven Anthony Juliano
Distinguished Professor, Biological Sciences
Ph.D., Pennsylvania State University
Julie Marie Jung
Assistant Professor, English
Ph.D., University of Arizona
Hilary Justice
Assistant Professor, English
Ph.D., University of Chicago
Gary A. Justis
Associate Professor, School of Art
M.F.A., School of the Art Institute-Chicago
Peter Stanley Juvinall
Specialist, Computer Support, Dean of Business
M.S., Illinois State University
Chad M. Kahl
Assistant Professor, Milner Library
M.A., University of Illinois-Urbana-Champaign
Jeffrey H. Kahn
Associate Professor, Psychology
Ph.D., Iowa State University
Carlye Jae Kalianov
Associate Director, University College
Ph.D., Illinois State University
James Robert Kalmbach
Professor, English
Ph.D., Michigan State University
Susan Mary Kalter
Assistant Professor, English
Ph.D., University of California-San Diego
Richard Franklin Kane
Academic Advisor, University College
M.S., Illinois State University
Han Bin Kang
Professor, Finance, Insurance and Law
Ph.D., University of Illinois-Urbana-Champaign
Jong G. Kang
Professor, Communication
Ph.D., University of Massachusetts-Amherst
Khondkar R. Karim
Professor, Physics
Ph.D., University of Oregon
Alan Jeffrey Katz
Acting Department Chairperson
Professor, Biological Sciences
Ph.D., Ohio State University
Peter Andrew Kaufman
Assistant Professor, Marketing
Ph.D., University of South Carolina-Columbia
Dean Kazoleas
Associate Professor, School of Communication
Ph.D., Michigan State University
Ronald James Kelley
Director, Office of Energy Management
M.B.A., National University
Timothy R. Kelley
Professor, Health Sciences
Ph.D., University of Georgia
James Patrick Kellogg, Jr.
Associate Director, Student Health Service
M.A., University of Iowa
Catherine Anne Kelly
Specialist, Research Compliance
M.B.A., Illinois State University
James Michael Kelly
Faculty Associate, University High School
M.S., Illinois State University
Ross Kennedy
Assistant Professor, History
Ph.D., University of California-Berkeley
William Edward Kennedy
Assistant Softball Coach, Intercollegiate Athletics
M.S. in Ed., Illinois State University
David Robert Kennell
NTT Instructional Assistant Professor Technology
M.S., Illinois State University
Rickey Dean Kentzler
University Architect
B.Arch., Kansas State University
Steve Keogh
NTT Lecturer, Management and Quantitative Methods
B. Frgn. Trade, Thunderbird American Graduate School Int Management
Racchel Lindsay Kepner
Coordinator, Residence Hall
M.S. in Ed., University of Kansas
Willis Edward Kern, Jr.
Coordinator, Radio Station WGLT
B.S., Illinois State University
Kathryn Kerr
NTT Instructional Assistant Professor, English
M.F.A., Southern Illinois University-Carbondale
Sesha Rajani Kumari Kethineni
Professor, Criminal Justice Sciences
Ph.D., Rutgers University-Newark
Joyce Morton Kief
Assistant Professor, School of Kinesiology and Recreation
M.Ed., Colorado State University
Kathleen Anne Killian
Director, Enrollment Communication and Academic Services
B.S., Illinois State University
Dong-Yun Kim
Assistant Professor, Mathematics
Ph.D., University of Michigan
Jin-Ah Kim
Assistant Professor, Curriculum and Instruction
M.S. in Ed., Illinois State University
Jongeun Kim
Assistant Professor, Family and Consumer Sciences
Ph.D., Oklahoma State University
Susan M. Kim
Associate Professor, English
Ph.D., University of Chicago
Andrew Mitchel King
Specialist, Computer Support, Chemistry
Ph.D., University of Wisconsin-Madison
Elizabeth M. King
Assistant Professor, Geography - Geology
Ph.D., University of Wisconsin-Madison
Marcell Lamarr King
Coordinator, Residence Hall
M.I.L.R., Michigan State University
Douglas Kingman
Assistant Professor, Agriculture
Ph.D., Purdue University
Miranda Daile Kinney
Academic Advisor, University College
M.S. in Ed., Illinois State University
James Kinsella
Faculty Associate, University High School
M.A., Loyola University of Chicago
George Claude Kiser
Associate Professor, Politics and Government
Ph.D., University of Massachusetts-Amherst
Gary Martin Klass
Associate Professor, Politics and Government
Ph.D., State University of New York-Binghamton

Patricia Harrington Klass
Department Chairperson
Professor, Educational Administration and Foundations
Ph.D., Illinois State University

Steven Curtis Klay
Coordinator, Dean of Students
M.S. in Ed., Illinois State University

Sandra Lee Klitzing
Associate Professor, School of Kinesiology and Recreation
Ph.D., University of Illinois-Urbana-Champaign

Laura M. Knoblauch
Assistant Director, Student Health Services
M.B.A., Illinois State University

Christine Marie Knuth
Academic Advisor, College of Business Student Advisement
M.B.A., Illinois State University

John M. Koch
Associate Professor, School of Music
M.M., University of Cincinnati

Stephen Charles Koch
Specialist, Financial Aid
B.S., Illinois State University

William K. Koehler
Professor, School of Music
D. Music Ed, Indiana University-Bloomington

Kenneth Gary Kombrink
Director, Labor Relations
J.D., University of Missouri-Columbia

Patricia J. Koranda
Faculty Associate, Thomas Metcalf School
M.S., Illinois State University

Susan Kossman
Assistant Professor, Mennonite College of Nursing
Ph.D., Illinois State University

Peter Michael Kowall
Head Womens Soccer Coach
Intercollegiate Athletics
M.A., Western Michigan University

Christopher Andrew Kozik
Specialist, Computer Support, University High School
M.S., Illinois State University

Christine Kraft
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University

Jessie Lyn Krienert
Associate Professor, Criminal Justice Sciences
Ph.D., University of Nebraska-Omaha

David F. Krueger
Assistant Director, Financial Aid
B.S., Illinois State University

Darrell P. Kruger
Assistant Dean, Dean of Education
Associate Professor, Curriculum and Instruction
Ph.D., Louisiana State University and A & M

Christine Sterner Kubiak
Associate Professor, Milner Library
M.F.A., Carnegie Mellon University

Cynthia M. Kukla
Professor, School of Art
M.F.A., University of Wisconsin-Madison

James Michael Kurz
Specialist, Computer Support
University High School
M.A., University of Saint Thomas

Marie E. Labonville
Assistant Professor, School of Music
Ph.D., University of California-Santa Barbara

Donald Emile Lacasse, Jr.
Director, School of Theatre
Professor, School of Theatre
Ph.D., Michigan State University

Alan Connally Lacy
Director, School of Kinesiology and Recreation
Professor, School of Kinesiology and Recreation
Ed.D., Arizona State University

Kristen Marie Lagally
Associate Professor, School of Kinesiology and Recreation
Ph.D., University of Pittsburgh

Deborah T. Lamb
Assistant Director, Admissions
B.S., Illinois State University

Gail Appiani Lamb
Director, Development
Ed.D., Illinois State University

Claire Coleman Lamonica
Assistant Director, Writing Programs, English
D.A., Illinois State University

Rebecca Ann Landau
Executive Director, Ewing Properties
M.A., University of South Dakota

Steven Edward Landau
Professor, Psychology
Ph.D., University of Iowa

Jason R. Landes
Faculty Associate, University High School
M.M.Ed., Illinois State University

Cynthia Langrall
Professor, Mathematics
Ph.D., University of Maryland-College Park

Roger Lee Laramee
Director, Leadership Gifts and Planned Giving
B.S., University of Illinois-Urbana-Champaign

Susan M. Larkin
NTT Clinical Assistant Professor, Special Education
M.S. in Ed., Illinois State University

Arved M. Larsen
Professor, School of Music
Ph.D., Catholic University of America

Maribeth Nelson Lartz
Professor, Special Education
Ph.D., University of Illinois-Urbana-Champaign

Timothy David Lash
Distinguished Professor, Chemistry
Ph.D., University of Wales

Nancy Irene Latham
Assistant Professor, Curriculum and Instruction
Ed.D., Illinois State University

Kevin Laudner
Assistant Professor, School of Kinesiology and Recreation
Ph.D., University of Pittsburgh

Cindy L. Lawson
Assistant Department Chairperson
Special Education
Ed.D., Illinois State University

Neal O. Lawson
Specialist, Computer Support, Stevenson Academic Computing
B.S., Southwestern Adventist University

Janie Leatherman
Professor, Politics and Government
Ph.D., University of Denver

Jin S. Lee
Associate Professor, School of Art
M.F.A., School of the Art Institute-Chicago

Lisa Jo Lee
Head Teacher, Child Care Center
B.S., Eastern Illinois University

Rebecca Ann Lee
Director, Conferencing Unit
B.S., Illinois State University

Seow Ting Lee
Assistant Professor, School of Communication
Ph.D., University of Missouri-Columbia

Stefanie L. Lee-Berardi
Director, Faculty and Resource Development
M.A., University of Illinois-Urbana-Champaign

Mary Charleen Lehnen
Faculty Associate, University High School
M.S., Illinois State University

Linda Marie Leinicke
Professor, Accounting
Ph.D., University of Mississippi

Wilbert Marcellus Leonard, II
Professor, Sociology and Anthropology
Ph.D., Ohio State University

Scott Leong
Assistant Professor, Accounting
Ph.D., University of Utah

David L. Leonhard
Assistant University Registrar
M.B.A., Illinois State University

Annette H. Lermack
Assistant Professor, School of Art
Ph.D., University of Iowa

Deborah Lynn Lesser
Director, Radio Production
M.S., Illinois State University

Alan H. Lessoff
Professor, History
Ph.D., Johns Hopkins University

Mary Whiteford Leung
Academic Advisor, School of Kinesiology and Recreation
M.Ed., University of North Carolina-Greensboro

Annette S. Levitt
Assistant Director, Alumni Relations
M.S. in Ed., Illinois State University

Dixie Lee Smith Lewis
Faculty Associate, University High School
M.S. in Ed., Illinois State University

Ricardo A. Lewis
Asssitant Dean of Students
M.S., Illinois State University

Celia Y. Liang
Specialist, Computer User Services
B.A., Carleton College

Claire Lieberman
Associate Professor, School of Art
M.F.A., Pratt Institute

Daniel Liechty
Associate Professor, School of Social Work
Th.D., University of Vienna

Albert J. Light
Director, Gamma Phi Circus
B.A., Florida State University

Bee Lee Lim
Professor, School of Information Technology
Ph.D., University of Louisiana at Lafayette

Matthew Sean Limon
Assistant Professor, School of Communication
Ph.D., Michigan State University

Zeng Lin
Associate Professor, Educational Administration and Foundations
Ph.D., York University-Toronto

Karen K. Lind
Director, Center for Mathematics, Science and Technology
Professor, Curriculum and Instruction
Ed.D., University of Louisville

Nancy Susan Lind
Professor, Politics and Government
Ph.D., University of Minnesota-Twin Cities

Deborah L. Lindberg
Associate Professor, Accounting
D.B.A., Boston University

Danielle Elizabeth Lindsey
Specialist, Computer Support
M.S., Illinois State University

Pamela Lynn Lindsey
Assistant Professor, Mennonite College of Nursing
M.S., University of Illinois-Chicago

Lance Lippert
Assistant Professor, School of Communication
Ph.D., Southern Illinois University-Carbondale

Sharon K. Litchfield
Assistant Professor, Special Education
Ph.D., University of Illinois-Urbana-Champaign

Cong Liu
Assistant Professor, Psychology
Ph.D., University of South Florida

Rene Ann Lockenour
Associate Director, Recreation Services
M.S., Western Illinois University

Mary Denice Lockhart
Faculty Associate, Thomas Metcalf School
B.A. Elem. Ed., Augustana College

Sabine Susanne Loew
Associate Professor, Biological Sciences
Ph.D., St. University of New York-Stony Brook

Kathleen C. Lonbom
Assistant Professor, Milner Library
M.L.S., University of Illinois-Urbana-Champaign

Larry Wayne Long
Director, School of Communication
Professor, School of Communication
Ph.D., University of Oklahoma-Norman

Timothy A. Longfellow
Department Chairperson
Associate Professor, Marketing
D.B.A., University of Kentucky

Bertha Mbatha Lonzi
Coordinator, Residence Hall
M.S. in Ed., Illinois State University

David G. Loomis
Associate Professor, Economics
Ph.D., Temple University

Jeffrey D. Lopez
Director, Recreation Services
M.S., Indiana State University

Michael A. Lorber
Professor, Curriculum and Instruction
Ph.D., Ohio University

Anthony W. Lorsbach
Professor, Curriculum and Instruction
Ph.D., Florida State University

Tyler Lotz
Assistant Professor, School of Art
M.F.A., Alfred University

Douglas Love
Assistant Professor, Accounting
Ph.D., University of Illinois-Urbana-Champaign

Larry J. Lowe
Academic Advisor, Educational Administration and Foundations
M.Ed., University of Illinois-Urbana-Champaign

Lauren M. Lowell
Assistant Professor, School of Theatre
M.F.A., University of Georgia

Cheryl A. Lubinski
Professor, Mathematics
Ph.D., University of Wisconsin-Madison

Thomas Lucey
Assistant Professor, Curriculum and Instruction
Ed.D., The University of Memphis

Elizabeth T. Lugg
Associate Professor, Educational Administration and Foundations
Ph.D., University of Iowa

John Albert Lust
Department Chairperson
Professor, Management and Quantitative Methods
D.B.A., University of Kentucky

Denise Lynn Lux
Supervisor, Clinical, Speech Pathology and Audiology
M.A., University of Illinois-Urbana-Champaign

Linda Lyman
Professor, Educational Administration and Foundations
Ph.D., University of Nebraska-Lincoln

Mark A. Lynch
Specialist, Computer Support, Arts and Sciences Support Unit
M.S., Illinois State University

Larry E. Lyons
Assistant Director, Intercollegiate Athletics - Finance and Administration
B.S., Illinois State University

Yu-Luen Ma
Associate Professor, Finance, Insurance and Law
Ph.D., University of Wisconsin-Madison

Shona M. MacDonald
Assistant Professor, School of Art
M.F.A., University of Illinois-Chicago

Kenton Frank Machina
Professor, Philosophy
Ph.D., University of California-Los Angeles

Julie A. Mack
Associate Professor, School of Theatre
M.F.A., Purdue University

Calvin MacLean
Artistic Director, Illinois Shakespeare Festival
Professor, School of Theatre
M.F.A., University of Massachusetts-Amherst

Richard MacMinn
Endowed Chair, Finance, Insurance and Law
Professor, Finance, Insurance and Law
Ph.D., University of Illinois-Urbana-Champaign

Pruthikrai Mahatanankoon
Assistant Professor, School of Information Technology
Ph.D., Claremont Graduate University

James L. Mai
Associate Professor, School of Art
M.F.A., University of Wyoming

Greg M. Maier
Instructional Developer, Instructional Technology Development
M.S., Illinois State University

Amy Gilreath Major
Professor, School of Music
D.M.A., University of Illinois-Urbana-Champaign

James Edward Major
Director, School of Music
Professor, School of Music
Ph.D., University of Wisconsin-Madison

Eric Paul Maki
Assistant Director, Recreation Services
B.A., University of Missouri-Columbia

Caroline Marie Mallory
Associate Professor, Mennonite College of Nursing
Ph.D., Indiana University-Purdue University-Indianapolis

David Henry Malone
Department Chairperson
Associate Professor, Geography - Geology
Ph.D., University of Wisconsin-Madison

David Leon Malone
Academic Advisor, Agriculture
B.S., Purdue University

Helen Mamarchev
Vice President, Student Affairs
Ph.D., University of Michigan-Ann Arbor

Melinda Ann Mangialardi
Associate Director, Residential Life
M.S. in Ed., Illinois State University

Kathryn Manigold
NTT Instructional Assistant Professor
Special Education
Ed.D., Illinois State University

Marilyn Kay Mapes
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University

Karen Ingrid Mark
Coordinator, Clinical Counseling and Career Programs, Psychology
Ph.D., University of Texas-Austin

Andrea Catherine Markert
Faculty Associate, University High School
M.S., Illinois State University

Thomas J. Marko
Assistant Professor, School of Music
D.A., University of Northern Colorado

Nick Gerald Maroules
Department Chairperson
Associate Professor, Sociology and Anthropology
Ph.D., University of California-San Diego

Matthew R. Martin
Assistant Professor, School of Kinesiology and Recreation
M.S., California State Univeristy-Hayward

Richard F. Martin, Jr.
Department Chairperson
Professor, Physics
Ph.D., University of Illinois-Urbana-Champaign

Tami Susan Martin
Associate Professor, Mathematics
Ed.D., Boston University

Allison Lynn Martyn
Academic Advisor, University College
B.E., Illinois State University

David T. Marx
Assistant Professor, Physics
Ph.D., Illinois Institute of Technology

Julie Ann Maschhoff
NTT Instructional Assistant Professor
Family and Consumer Sciences
M.S., Illinois State University

Clarence Edward Mason, II
Assistant Director, University Research
M.A., Texas State Technical College-Harlingen

Phillip L. Massie
Coordinator, Residence Hall
M.S., Illinois State University

Wesley AAD Matejka
Specialist, Computer Support, Instructional Technology, College of Education
B.S., Illinois State University

Hiroshi Matsuoka
Associate Professor, Physics
Ph.D., University of Illinois-Urbana-Champaign

Priscilla J. Matthews
Associate Professor, Milner Library
C.A.S., University of Illinois-Urbana-Champaign

Roberta Marie Maubach
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University

Edward Francis Mayer
Associate University Registrar
M.A., Niagara University

Dawn Marie McBride
Associate Professor, Psychology
Ph.D., University of California-Irvine

William Thomas McBride
Associate Professor, English
Ph.D., State University of New York-Buffalo

Steven Thomas McCaw
Professor, School of Kinesiology and Recreation
Ph.D., University of Oregon

Jacqueline Rene McClure
Supervisor, Clinical, Speech Pathology and Audiology
M.S., Illinois State University

Malcolm McKenzie McClure
Associate Professor, Accounting
Ph.D., University of Illinois-Urbana-Champaign

Phyllis A. McCluskey-Titus
Associate Professor, Educational Administration and Foundations
Ed.D., Florida State University

Christopher James McCombs
Academic Advisor, University College
B.S., Illinois State University

Kimberly A. McCord
Associate Professor, School of Music
D. Music Ed, University of Northern Colorado

Michael Shane McCreery
Acting Director, Diversity and Affirmative Action
D.M.S., Ohio North University

Sharon McCrone
Associate Professor, Mathematics
Ph.D., University of New Hampshire

Michael J. McCurdy
Director, Radio Production
B.S., Kansas State University

Chad Dowrick McEvoy
Assistant Professor, School of Kinesiology and Recreation
Ed.D., University of Northern Colorado

Gary McGinnis
Associate Vice President, Research, Graduate and International Studies
Professor, Chemistry
Ph.D., University of Montana

Charles Robert McGuire
Assistant Provost
Professor, Finance, Insurance and Law
J.D., University of Illinois-Urbana-Champaign

John P. McHale
Assistant Professor, School of Communication
Ph.D., University of Missouri-Columbia

Catherine Ann McKay
Academic Advisor, Technology
M.S., Illinois State University

Gerald William McKean
Associate Professor, Accounting
Ph.D., Illinois State University

Sandra Price McKean
Faculty Associate, Thomas Metcalf School
B.S. in Ed., Illinois State University

Edward G. McKibbin
Staff Attorney - Students' Legal Services
J.D., Creighton University

Kathleen McKinney
Endowed Chair, Vice President and Provost
Professor, Sociology and Anthropology
Ph.D., University of Wisconsin-Madison

Rhondal McKinney
Professor, School of Art
M.F.A., University of Illinois-Urbana-Champaign
Craig C. McLauchlan
Assistant Professor, Chemistry
Ph.D., Northwestern University
Jack McLaughlin
Professor, School of Theatre
M.A., University of Michigan-Ann Arbor
Robert McLaughlin
Associate Professor, English
Ph.D., Fordham University
Todd A. McLoda
Assistant Professor, School of Kinesiology and Recreation
Ph.D., Ohio University
Tena Lenn McNamara
Assistant Professor, Speech Pathology and Audiology
D.A., University of Florida
Patricia Ann Meckstroth
Associate Professor, Milner Library
M.A., University of Chicago
Wendie C. Medina
Assistant Professor, Mennonite College of Nursing
D.Nursing Sci., Rush University
Ronald Lowell Meier
Professor, Technology
Ph.D., University of Missouri-Columbia
Sherry L. Meier
Assistant Professor, Mathematics
Ph.D., University of Missouri-Columbia
Diane Elizabeth Meister
Academic Advisor, Curriculum and Instruction
B.S., in Mktg., Illinois State University
Jean Ann Memken
Associate Professor, Family and Consumer Sciences
Ph.D., Iowa State University
Nancy E. Menoyo
NTT Clinical Assistant Professor
Curriculum and Instruction
M.S. in Ed., Northern Illinois University
Rebecca E. Mentzer
Assistant Director, Honors
M.S., Illinois State University
Jessica L. Mercerhill
Assistant Coordinator
M.Ed., University of South Carolina-Columbia
Chris P. Merrill
Assistant Professor, Technology
Ph.D., Ohio State University
Sharon Mersch
NTT Instructional Assistant Professor
Mathematics
M.S., Illinois State University
Sarah Alexis Messer
Admissions Counselor
B.A., Illinois State University
Sarah Katheryn Metivier
Assistant Director, Disability Concerns
M.S.W., University of Kentucky
Sandra Mae Metts
Professor, School of Communication
Ph.D., University of Iowa
Barbara B. Meyer
Assistant Professor, Curriculum and Instruction
Ed.D., The University of Memphis
James William Meyer
Assistant Professor, English
D.A., Illinois State University
Adena Beth Meyers
Associate Professor, Psychology
Ph.D., University of Illinois-Urbana-Champaign
Gregory Michie
Assistant Professor, Curriculum and Instruction
Ph.D., University of Illinois-Chicago
Marion M. Micke
Associate Professor, Health Sciences
Ph.D., University of Oregon
Douglas L. Micklich
NTT Instructional Assistant Professor
Management and Quantitative Methods
M.B.A., Illinois State University
Louise Ruth Mikals
Faculty Associate, Thomas Metcalf School
M.S.Ch.E, Illinois State University
Linda L. Miles
Assistant Professor, Finance, Insurance and Law
B.A., East Carolina University
Dennis Ryan Miller
NTT Instructional Assistant Professor
Mathematics
M.A., Indiana University-Bloomington
John Robert Miller
Assistant Professor, School of Art
M.F.A., University of Illinois-Urbana-Champaign
Lucinda Danielle Miller
Faculty Associate, Thomas Metcalf School
B.S. in Ed., Greenville College
Paulette Miller
Assistant Professor, Health Sciences
M.S., Eastern Illinois University
Dixie Louise Mills
Dean, Business
Professor, Finance, Insurance and Law
Ph.D., University of Cincinnati
Marjorie Milton
NTT Clinical Assistant Professor
Curriculum and Instruction
M.Ed., University of La Verne
Montserrat Mir
Associate Professor, Foreign Languages
Ph.D., University of Illinois-Urbana-Champaign
Jacquelyn Sue Mitchell
Supervisor, Student Teachers, Foreign Languages
M.A., Illinois State University
Douglas F. Mock
Specialist, Computer Support, Mennonite College of Nursing
B.A., Western Illinois University
Gellert Modos
Professor, School of Music
M.M., Franz Liszt Music Academy
Mary Anne S. Moffitt
Associate Professor, School of Communication
Ph.D., University of Illinois-Urbana-Champaign
Judith Ann Mogilka
Associate Professor, Educational Administration and Foundations
Ph.D., University of Illinois-Urbana-Champaign
Hassan Mohammadi
Associate Professor, Economics
Ph.D., Washington State University
Jawahar I. Mohammed
Professor, Management and Quantitative Methods
Ph.D., Oklahoma State University
Cynthia Jean Mohrman
Faculty Associate, Thomas Metcalf School
M.A., University of Illinois-Urbana-Champaign
Janeen Renae Mollenhauer
Associate Director, Undergraduate Program Mennonite College of Nursing
M.S., Illinois State University
Melissa Kay Moody
Academic Advisor, University College
M.S., Illinois State University
James E. Moon
Associate Dean, Business
Professor, Accounting
Ph.D., University of Alabama
Edward S. Mooney
Associate Professor, Mathematics
Ph.D., Illinois State University
Aaron Scott Moore
Associate Professor, Agriculture
Ph.D., University of Illinois-Urbana-Champaign
Cynthia J. Moore
Associate Professor, Biological Sciences
Ph.D., Temple University
Marilyn K. Moore
Professor, Curriculum and Instruction
Ed.D., Northern Illinois University
Linda Sue Moorhead
Staff Physician, Health Services
M.D., Ohio State University
Charity Rae Moos
Specialist, Dean of Students
M.A., Ball State University
Pamela Kay Morbitzer
Head Teacher, Child Care Center
M.S., Illinois State University
Carlyn Gay Morenus
Associate Professor, School of Music
D.M.A., University of Texas-Austin
Marilyn K. Morey
Associate Professor, Curriculum and Instruction
Ed.D., Illinois State University
Vicky Lee Morgan
Associate Professor, Curriculum and Instruction
Ph.D., University of Nebraska-Lincoln
Joyce Morlan
Coordinator, Field Placement, Clinical Experiences in Teacher Education
M.S. in Ed., University of Kansas
Larry Dean Morlan
Assistant to Director, Intercollegiate Athletics
M.P.A., University of Kansas
Frank T. Morn
Professor, Criminal Justice Sciences
Ph.D., University of Chicago
Robert Eugene Morris
Faculty Associate, University High School
M.S. in Ed., Illinois State University
Marilyn Jean Morrow
Department Chairperson
Associate Professor, Health Sciences
Ph.D., Southern Illinois University-Carbondale
Rita Kay Moss
Assistant Provost
Professor, Curriculum and Instruction
Ph.D., Texas A and M University
Ronald James Mottram
Professor, School of Theatre
Ph.D., New York University
Michelle Maureen Mueller
Faculty Associate, Thomas Metcalf School
Ed.D., Illinois State University
Elizabeth Reitz Mullenix
Associate Professor, School of Theatre
Ph.D., University of Illinois-Urbana-Champaign
John C. Munn, III
Associate Athletic Trainer, Intercollegiate Athletics
M.S.P.E., Indiana University-Bloomington
Molly L. Munson-Dryer
Associate Director, Clinical Experiences
M.A., George Washington University
James Bauerle Munz
NTT Instructional Assistant Professor, Marketing
M.B.A., Illinois State University
Christopher Eric Mushbrush
NTT Lecturer, Economics
M.S., Illinois State University
Mboka Thierry Mwilambwe
Assistant Director, University Housing Services
M.S. in Ed., Illinois State University
Stacey Marie Mwilambwe
Associate Director, University Housing Services
M.S. in Ed., Illinois State University
Cheryl Ann Nafziger
Coordinator, Clinical Nursing Laboratories, Mennonite College of Nursing
B.S.N., Illinois State University
Richard Nagorski
Associate Professor, Chemistry
Ph.D., University of Alberta
Gurramkonda Narasimhulu Naidu
Professor, Finance, Insurance and Law
Ph.D., University of Iowa
Beverly L. Nance
Coordinator, Academic Services
M.B.A., Illinois State University
Kimberly Ann Nance
Acting Department Chairperson,
Associate Professor, Foreign Languages
Ph.D., University of Illinois-Urbana-Champaign

Jamal Raji Nassar
Department Chairperson
Professor, Politics and Government
Ph.D., University of Cincinnati

Margaret Mary Nauta
Associate Professor, Psychology
Ph.D., Iowa State University

Sharon K. Naylor
Associate Professor, Milner Library
M.S. in Ed., Illinois State University

Momar Ndiaye
Director, International Studies
Associate Professor, Politics and Government
Ph.D., University of Connecticut

Joe Wilson Neisler
Associate Professor, School of Music
Mus.D., Indiana University-Bloomington

David H. Nelson
Director, Printing Services
M.S., Illinois State University

Matthew L. Nelson
Assistant Professor, Accounting
Ph.D., University of Illinois-Urbana-Champaign

Robert Stanley Nelson
Associate Professor, Geography - Geology
Ph.D., University of Iowa

Carin Ness
Staff Psychologist, Student Counseling Services
M.A., Michigan State University

Janice Grace Neuleib
Professor, English
Ph.D., University of Illinois-Urbana-Champaign

Robert David Neuleib
Faculty Associate, University High School
M.S., Illinois State University

Kenneth Edward Newgren
Professor, Management and Quantitative Methods
Ph.D., University of Georgia

Anne M. Newman
Coordinator, Dean of Students
Community Rights and Responsibilities
M.S., Florida State University

Wade A. Nichols
Associate Professor, Biological Sciences
Ph.D., University of Iowa

Nancy J. Niebur
NTT Lecturer, School of Kinesiology and Recreation
M.S., Illinois State University

Nweze E. Nnakwe
Professor, Family and Consumer Sciences
Ph.D., University of Nebraska-Lincoln

Chika Kenneth Nnamani
Assistant Vice President, Student Affairs and Director, Residential Life
M.S., Illinois State University

Amelia Noel-Elkins
Director, University College
Ph.D., Indiana University-Bloomington

Monica Cousins Noraian
Academic Advisor, History
M.Ed., Harvard University

Anne Hubbard Norton
NTT Lecturer, English
M.A., Vermont College of Norwich U

Edgar A. Norton
Professor, Finance, Insurance and Law
Ph.D., University of Illinois-Urbana-Champaign

Barbara Livingston Nourie
Acting Department Chairperson
Professor, Curriculum and Instruction
Ph.D., Southern Illinois University-Carbondale

Crystal Lynn Nourie
Specialist, Student Service and Referral Center
B.S., Illinois State University

Andrew P. Novinska
Staff Counselor, Student Counseling Services
M.S., University of Wisconsin-Stout

Mohamed A. Nur-Awaleh
Associate Professor, Educational Administration and Foundations
Ed.D., State University of New York-Albany

Linda Kathryn Nylund
Faculty Associate, Thomas Metcalf School
M.S., Illinois State University

Norma Jean Oberholtzer
NTT Instructional Assistant Professor
Curriculum and Instruction
M.S. in Ed., Illinois State University

Paul Chukuemeke Obiazi
Coordinator, Residence Hall
M.A., Illinois State University

Mary Martha O'Brian
Assistant Professor, Special Education
Ed.D., Illinois State University

John Thomas O'Brien
Director, Center for Book Culture
Professor, Milner Library
Ph.D., Northern Illinois University

William J. O'Donnell
Assistant Professor, School of Art
M.F.A., School of the Art Institute-Chicago

Patrick James O'Gara
Professor, School of Theatre
B.A., Concordia College-Moorhead

Jane Kachingwe Ogunmokun
Faculty Associate, Thomas Metcalf School
M.A., Aurora University

Deborah L. Olbert
NTT Instructional Assistant Professor
Curriculum and Instruction
M.Ed., Illinois State University

Cecilia PhiVan Olivares
Coordinator, Residence Hall
M.Ed., Iowa State University

Patrice Elizabeth Olsen
Assistant Professor, History
Ph.D., Pennsylvania State University

Richard T. Olshak
Associate Dean of Students
M.S., Western Illinois University

Gary A. Olson
Dean, Arts and Sciences
Professor, English
Ph.D., Indiana University of Pennsylvania

Corey Christopher Oltman
Associate Director, Recreation Services
M.B.A., Illinois State University

Gary Steven O'Malley
Assistant Professor, Curriculum and Instruction
Ph.D., University of Iowa

Mary Miler O'Malley
NTT Instructional Assistant Professor
Mathematics
M.S. in Ed., Illinois State University

Nathalie Opdebeeck
Assistant Professor, English
Ph.D., University of Pittsburgh

Melissa Daliyah Oresky
Assistant Professor, School of Art
M.F.A., University of Illinois-Chicago

Patrick Daniel O'Rourke
Department Chairperson
Professor, Agriculture
Ph.D., Purdue University

Leslie Sloan Orr
Associate Professor, School of Theatre
Ph.D., Wayne State University

Charles E. Orser, Jr.
Distinguished Professor, Sociology and Anthropology
Ph.D., Southern Illinois University-Carbondale

Krzysztof Ostaszewski
Professor, Mathematics
Ph.D., University of Washington-Seattle

Joyce A. Ostrosky
Professor, Accounting
Ph.D., University of Mississippi

Patrick O'Sullivan
Directory, Center for Teaching, Learning and Technology
Associate Professor, School of Communication
Ph.D., University of California-Santa Barbara

Anthony John Otsuka
Professor, Biological Sciences
Ph.D., University of California-San Diego

Suan Kay Owens
NTT Lecturer, School of Communication
M.S. in Com., Illinois State University

Carol Semanisin Owles
Assistant Professor, Curriculum and Instruction
Ph.D., University of Illinois-Urbana-Champaign

Joseph Pacha
Assistant Professor, Educational Administration and Foundations
Ed.D., Drake University

George Padavil
Associate Professor, Educational Administration and Foundations
Ph.D., University of Illinois-Urbana-Champaign

Katrin Paehlelr
Assistant Professor, History
Ph.D., American University

Elisa Lynn Palmer
Coordinator, Science Education
M.S. in Ed., Illinois State University

George E. Palmer
Associate Professor, Milner Library
M.A., University of Illinois-Urbana-Champaign

James C. Palmer
Professor, Educational Administration and Foundations
Ph.D., University of California-Los Angeles

Julia Elizabeth Palmer
Assistant Professor, Foreign Languages
Ph.D., University of Michigan-Ann Arbor

Teresa M. Palmer
Professor, Management and Quantitative Methods
Ed.D., University of Illinois-Urbana-Champaign

James Joseph Pancrazio
Associate Professor, Foreign Languages
Ph.D., University of Illinois-Urbana-Champaign

Maria T. Pao
Associate Professor, Foreign Languages
Ph.D., University of Michigan-Ann Arbor

Aaron M. Paolucci
Assistant Professor, School of Theatre
M.F.A., Southern Illinois University-Carbondale

Howard Phillips Parette
Endowed Chair, Dean of Education
Professor, Special Education
Ed.D., University of Alabama

Borinara Park
Assistant Professor, Technology
Ph.D., Virginia Polytechnic Inst and State U

Do-Yong Park
Assistant Professor, Curriculum and Instruction
Ph.D., University of Iowa

Thomas Allen Parmenter
Specialist, Computer Support, School of Information Technology
B.S. in Acc., Illinois State University

Carlos Parodi
Associate Professor, Politics and Government
Ph.D., University of Pittsburgh

Sally E. Parry
Associate Dean, Dean of Arts and Sciences
Ph.D., Fordham University

Gerald Anthony Parsons
Faculty Associate, University High School
M.A., Northwestern University

Stephen B. Parsons
Associate Professor, School of Music
D.M.A., University of Kansas

Julie Lynn Paska
Academic Advisor, University College
B.S., Illinois State University

Steven E. Paska
Head Womens Swimming Coach
Intercollegiate Athletics
M.S., Illinois State University

Brent Gordon Paterson
Associate Vice President, Student Affairs
Ph.D., University of Colorado-Denver

Janet Weinrich Paterson
Dean of Students
Ph.D., Texas A and M University

Martin R. Patrick
Assistant Professor, School of Art
Ph.D., University of Kent-Canterbury

Dennis Michael Patten
Professor, Accounting
Ph.D., University of Nebraska-Lincoln

Raju Paturi
Staff Physician, Health Services
M.D., Kakatiya University

James Payne
Department Chairperson
Professor, Economics
Ph.D., Florida State University

Richard J. Payne
Distinguished Professor, Politics and Government
Ph.D., Howard University

Erin Elizabeth Pearce
Specialist, Senior-Dean of Students
M.S. in Ed., Illinois State University

Alberto D. Pena
Associate Director, International Studies
Ph.D., University of Connecticut

Yvonne Pena
Coordinator, Leadership Development Program
Office of Student Life
M.S., Texas A and M University

Judy R. Peppers
NTT Lecturer, School of Communication
M.S., Illinois State University

Kim Pereira
Professor, School of Theatre
Ph.D., Florida State University

Louis Gabriel Perez
Professor, History
Ph.D., University of Michigan-Ann Arbor

Clara Ann Perkins
Director, Development
Ph.D., University of Iowa

Stephen D. Perry
Associate Professor, School of Communication
Ph.D., University of Alabama

William L. Perry
Assistant Professor, Biological Sciences
Ph.D., University of Notre Dame

Steven Joseph Peters
Assistant Professor, Chemistry
Ph.D., Indiana University-Bloomington

Eric Wade Peterson
Assistant Professor, Geography - Geology
Ph.D., University of Missouri-Columbia

Patricia K. Peterson
Coordinator, Radio Station WGLT

George Peterson-Karlan
Associate Professor, Special Education
Ph.D., University of Kansas

Frank Don Petty
Faculty Associate, University High School
B.S., Eastern Illinois University

Lorraine Pflaumer
Faculty Associate, Thomas Metcalf School
Ed.D., Illinois State University

Karen S. Pfost
Associate Professor, Psychology
Ph.D., University of Missouri-Columbia

William Philpott
Assistant Professor, History
Ph.D., University of Wisconsin-Madison

Aaron Z. Pitluck
Assistant Professor, Sociology and Anthropology
Ph.D., University of Wisconsin-Madison

Katherine A. Plantholt
Coordinator, Computer Support, Applied Science and Technology
M.S., Illinois State University

Michael John Plantholt
Professor, Mathematics
Ph.D., University of Michigan-Ann Arbor

Gail L. Pollock
Supervisor, Clinical, Speech Pathology and Audiology
M.S., Illinois State University

John Russell Poole
Assistant Professor, School of Theatre
Ph.D., University of Georgia

Ronald Russell Pope
Associate Professor, Politics and Government
Ph.D., University of Pennsylvania

Thomas E. Portegys
Assistant Professor, School of Information Technology
Ph.D., Northwestern University

Norris Eneil Porter
Assistant to Dean, Dean of Business
M.S., Illinois State University

Chad William Post
Director, Development
B.A., Michigan State University

James William Potter
Faculty Associate, University High School
B.A., Illinois State University

Martha Bauman Power
Professor, Family and Consumer Sciences
Ph.D., University of Illinois-Urbana-Champaign

Susan G. Prendergast
Associate Professor, Speech Pathology and Audiology
Ph.D., University of Illinois-Urbana-Champaign

John W. Presley
Vice President and Provost
Professor, English
Ph.D., Southern Illinois University-Carbondale

Norma C. Presmeg
Professor, Mathematics
Ph.D., University of Cambridge

Robert Leslie Preston
Professor, Biological Sciences
Ph.D., University of California-Irvine

Christina Marie Proctor
Coordinator, Honors Student Program
B.A., Illinois State University

Laura Jean Provost
Associate Director, Intercollegiate Athletics
B.S.Bus., Ferris University

John Barron Pryor
Professor, Psychology
Ph.D., Princeton University

Sally Kae Pyne
Academic Advisor, University College
Ph.D., Illinois State University

Jihad Qaddour
Assistant Professor, School of Information Technology
Ph.D., Wichita State University

Robert W. Quandt
Associate Professor, Chemistry
Ph.D., North Dakota State University

Cara Elizabeth Rabe-Hemp
Assistant Professor, Criminal Justice Sciences
M.S., Illinois State University

Sharon Rabovsky
NTT Clinical Assistant Professor
Curriculum and Instruction
M.A., University of Iowa

Ramaswamy Radhakrishnan
Professor, Management and Quantitative Methods
Ph.D., Carnegie Mellon University

Rudy J. Radosevich
Associate Director, Computer User Services
M.S., Illinois State University

James C. Raines
Assistant Professor, School of Social Work
Ph.D., Loyola University of Chicago

Rati Ram
Distinguished Professor, Economics
Ph.D., University of Chicago

Arturo Ramirez
Specialist, Computer Support, Institutional Web Support Services
M.S., Illinois State University

Edward Ramos, Jr.
Specialist, University Facilities and Planning
M.B.A., Pennsylvania State University

Lynn Francine Ramsey
Assistant Director, Central Receiving and Property Control
B.B.A., National University

Stacy Renee Ramsey
Associate Director, Admissions
M.S., Illinois State University

Kathleen Randles
NTT Instructional Assistant Professor
School of Music
D.M.A., Ohio State University

Erik Thomas Rankin
Academic Advisor, Politics and Government
M.S., Illinois State University

Scott David Rankin
Professor, School of Art
M.F.A., University of California-Los Angeles

David K. Rardin
Associate Director, Student Counseling Services
Ph.D., University of Maryland-College Park

Robert Lee Rariden
Director, Extended University
Associate Professor, School of Information Technology
Ph.D., University of Miami

David Alan Rathke
Coordinator, Computer Support, School of Information Technology
B.S., Eureka College

Jess D. Ray
Associate University Registrar
M.S., Illinois State University

Khalid Ahmed Razaki
Professor, Accounting
Ph.D., University of Illinois-Urbana-Champaign

Donald E. Reed
Area Coordinator, Residential Life
M.S., Illinois State University

Toure F. Reed
Assistant Professor, History
Ph.D., Columbia University-New York City

Glenn David Reeder
Professor, Psychology
Ph.D., University of California-Santa Barbara

Tara Ann Reeser
Director, English Publication Unit
M.S., Illinois State University

Marla J. Reese-Weber
Associate Professor, Psychology
Ph.D., Ohio State University

William M. Reger
NTT Instructional Assistant Professor, History
Ph.D., University of Illinois-Urbana-Champaign

James Herbert Reid
Professor, Foreign Languages
Ph.D., Yale University

Randall Reid
Instructional Technician, Visual Arts
M.F.A., Illinois State University

Louis G. Reifschneider
Assistant Professor, Technology
Ph.D., Ohio State University

John D. Reitzel
Assistant Professor, Criminal Justice Sciences
M.A., University of Florida

Shang-Fen Ren
Professor, Physics
Ph.D., Texas A & M University

Paula Ressler
Assistant Professor, English
Ph.D., New York University

Louise Elizabeth Rettke
Coordinator, Clinical Expereinces
M.S. in Ed., Illinois State University

Robert Rhykerd
Associate Professor, Agriculture
Ph.D., Texas A & M University

Ali Riaz
Associate Professor, Politics and Government
Ph.D., University of Hawaii-Manoa

Beverly Susan Rich
Assistant Professor, Mathematics
Ph.D., University of Iowa

Daniel P. Rich
Associate Professor, Economics
Ph.D., University of Houston

Jay Strand Rich
Associate Professor, Accounting
Ph.D., University of Illinois-Urbana-Champaign
Andreas Richter
Assistant Professor, Finance, Insurance and Law
Ph.D., University of Hamburg
Richard Ricioppo
Coordinator, TV Production
B.S., State University of New York College-Fredonia
Nancy Ridenour
Dean, Mennonite College of Nursing
Professor, Mennonite College of Nursing
Ph.D., Texas Tech University
Rodney Paul Riegle
Professor, Educational Administration and Foundations
Ph.D., Ohio State University
Shawn C. Rigsby
Specialist, Financial Aid
B.A., Eureka College
Richard C. Ringer
Associate Professor, Management and Quantitative Methods
Ph.D., University of Colorado-Boulder
Kimberly Risinger
Associate Professor, School of Music
D.M.A., University of Maryland-College Park
Rocio Rivadeneyra
Assistant Professor, Psychology
Ph.D., University of Michigan-Ann Arbor
Veda Mae Rives
Associate Director, Normal Editions Workshop
School of Art
M.A., Illinois State University
Rachal Lyn Roach
Coordinator, Video Conferencing
M. Tech., Eastern Illinois University
Amy Elizabeth Robillard
Assistant Professor, English
Ph.D., Syracuse University
Don Roger Robinson
Professor, Management and Quantitative Methods
D.B.A., Louisiana State University and A & M
Sandra Kay Roe
Assistant Professor, Milner Library
M.L.S., University of Illinois-Urbana-Champaign
Annilee Rohrscheib
Staff Physician, Health Services
M.D., Indiana University-Purdue University-Indianapolis
Thomas John Romance
Faculty Associate, Thomas Metcalf School
Ph.D., University of Oregon
Cindy Ramseyer Ropp
Assistant Professor, School of Music
M.M.Ed., Illinois State University
Epaminondas Rosa, Jr.
Associate Professor, Physics
Ph.D., University of Minnesota-Twin Cities
Jonathan M. Rosenthal
University Registrar
Ph.D., Princeton University
Amy Sue Roser
Coordinator, Student Academic Services
M.S. in Ed., Illinois State University
Marcia Ann Rossi
Principal, Thomas Metcalf Elementary School
M.Ed., Harvard University
J. Robert Rossman
Dean, Applied Science and Technology
Professor, School of Kinesiology and Recreation
Ph.D., University of Illinois-Urbana-Champaign
Otis Scheetz Rothenberger
Professor, Chemistry
Ph.D., University of Delaware
Mary Catherine McGrath Rotsch
NTT Instructional Assistant Professor
Management and Quantitative Methods
M.B.A., Illinois State University
David Alan Rubin
Assistant Professor, Biological Sciences
Ph.D., University of Denver
Timothy Lee Ruddy
NTT Lecturer, Politics and Government
M.A., Northern Illinois University
John Kipngeno Rugutt
Assistant Professor, Educational Administration and Foundations
Ph.D., Louisiana State University and A & M
Richard C. Runner
Director, Facilities Planning
Ph.D., Old Dominion University
Gail Russ
Associate Professor, Management and Quantitative Methods
Ph.D., Texas A and M University-Galveston
Cynthia Louise Ruszkowski
NTT Instructional Assistant Professor
Management and Quantitative Methods
M.S., National-Louis University
George H. Rutherford
Associate Professor, Physics
Ph.D., Rice University
Russell Rutter
Professor, English
Ph.D., University of Wisconsin-Madison
Paul C. Sacaridiz
Associate Professor, School of Art
M.F.A., School of the Art Institute-Chicago
Amy Margaret Sajko
Director, Leadership Gifts
M.B.A., Illinois State University
Scott Kitchener Sakaluk
Professor, Biological Sciences
Ph.D., University of Toronto
Gary Salegna
Professor, Management and Quantitative Methods
Ph.D., Texas Tech University
Fernando Sanchez-Gutierrez
NTT Lecturer, Foreign Languages
M.A., Illinois State University
Erin Kathleen Sand
Admissions Counselor
B.S., University of Illinois-Urbana-Champaign
Neil Eugene Sappington
Assistant Professor, Educational Administration and Foundations
Ph.D., Illinois State University
Rebecca Ann Saunders
Associate Professor, English
Ph.D., University of Wisconsin-Madison
Gerald J. Savage
Professor, English
Ph.D., Michigan Technological University
Jean Sawyer
Assistant Professor, Speech Pathology and Audiology
Ph.D., University of Illinois-Urbana-Champaign
David Schaafsma
Specialist, Computer Support, Dean of Business
B.S.Bus., Eastern Illinois University
Melanie Schaafsma
Assistant Director, Academic Administrative Services
B.A., Eastern Illinois University
Thomas P. Schambach
Associate Professor, Accounting
Ph.D., University of South Florida
Nancy Jo Schenck
Faculty Associate, University High School
B.S. in Ed., Illinois State University
Jeremy Michael Schenk
Specialist, Senior-Dean of Students
M.S. in Ed., Illinois State University
Katherine Ann Schenk
Specialist, Dean of Students
B.A., Cornell College
Michael Dean Schermer
Assistant to Vice President
M.S. in Ed., Illinois State University
Sara Ann Schickel
Associate Director, Honors
M.S., Illinois State University
Leon Schjoedt
Assistant Professor, Management and Quantitative Methods
Ph.D., University of Colorado-Boulder
Barbara E. Schlatter
Associate Professor, School of Kinesiology and Recreation
Ph.D., University of Illinois-Urbana-Champaign
Maria Helena Schmeeckle
Assistant Professor, Sociology and Anthropology
Ph.D., University of Southern California
Carol Morton Schmidt
Academic Advisor, Biological Sciences
Ph.D., Illinois State University
Kathy J. Schmidt
Academic Advisor, College of Business Student Advisement
M.S. in Ed., Illinois State University
Klaus Schmidt
Assistant Professor, Technology
Ph.D., University of Missouri-Columbia
Kimberly Taylor Schneider
Assistant Professor, Psychology
Ph.D., University of Illinois-Urbana-Champaign
William Joel Schneider
Assistant Professor, Psychology
Ph.D., Texas A and M University
Kathleen Anne Schniedwind
Head Athletic Trainer, Intercollegiate Athletics
M.S., Indiana University-Bloomington
Elizabeth M. Schobernd
Associate Dean, Milner Library
Associate Professor, Milner Library
M.S., Illinois State University
Ira S. Schoenwald
Associate Vice President, Human Resources
Professor, Politics and Government
Ph.D., Claremont Graduate University
Michelle Marie Schuline
Academic Advisor, Office of Enrollment Management and Academic Services
B.S., Illinois State University
Eric Coolidge Schuller
Assistant to Director, Social Science Instructional Technology
B.S., Illinois State University
Laurel August Schumacher
Faculty Associate, Thomas Metcalf School
B.S. in Ed., Illinois State University
Vanette Mae Schwartz
Professor, Milner Library
M.A., University of Illinois-Urbana-Champaign
Charles A. Scott
Executive Director, Facilities Management
M.S., Illinois State University
Elizabeth M. Scott
Assistant Professor, Sociology and Anthropology
Ph.D., University of Minnesota-Twin Cities
Peggy Ellyn Scott
Faculty Associate, University High School
M.S., Illinois State University
Sally Katherine Scott
Coordinator, Scheduling and Curriculum
M.S., Illinois State University
Tina Louise Scott
Faculty Associate, University High School
M.Ed., University of Missouri-Saint Louis
William Lon Scott
Acting Department Chairperson
Professor, Finance, Insurance and Law
Ph.D., University of Houston
John C. Sedbrook
Assistant Professor, Biological Sciences
Ph.D., University of Wisconsin-Madison
George F. Seelinger
Department Chairperson
Associate Professor, Mathematics
Ph.D., University of Texas-Austin
Elke Segelcke
Associate Professor, Foreign Languages
Ph.D., University of North Carolina-Chapel Hill
Laura Jo Sellers
Faculty Associate, University High School
M.S., Illinois State University
Gay E. Semanko
Supervisor, Clinical, Speech Pathology and Audiology
M.S.T., University of Wisconsin-Whitewater

Sara Semonis
Assistant Professor, School of Theatre
M.F.A., University of Iowa

Linda E. Seth
Coordinator, Hilia, Thomas Metcalf School
M.S. in Ed., Illinois State University

Judith Ann Sevel
Coordinator, Field Placement
School of Social Work
M.S.W., Howard University

Jan Marie Shane
Associate Provost, Vice President and Provost
Professor, Family and Consumer Sciences
Ph.D., University of Nebraska-Lincoln

J. Kam Shapiro
Assistant Professor, Politics and Government
Ph.D., Johns Hopkins University

C. Frank Shaw
Professor, Chemistry
Ph.D., Northwestern University

Debra Lee Shelden
Assistant Professor, Special Education
Ph.D., University of Illinois-Urbana-Champaign

Tracy Marie Sherman
Assistant Director, Conferencing Unit
Public Service
B.S., Illinois State University

Daniel L. Shickle
Program Coordinator, Fiscal Planner and Manager
B.S., Illinois State University

John Charles Shields
Professor, English
Ph.D., University of Tennessee-Knoxville

Linda S. Showers
Professor, Marketing
Ph.D., Ohio State University

Mark Siderits
Professor, Philosophy
Ph.D., Yale University

Rodney Simmons
Associate Professor, Health Sciences
Ph.D., Texas A & M University

Soemer Rae Simmons
Coordinator, Student Service and Referral Center
M.B.A., Illinois State University

Thomas W. Simon
Professor, Philosophy
Ph.D., Washington University

Brent K. Simonds
Assistant Professor, School of Communication
Ed.D., Illinois State University

Cheri J. Simonds
Associate Professor, School of Communication
Ph.D., University of Oklahoma-Norman

Rodger B. Singley
Professor, Marketing
Ph.D., Texas Tech University

Papa Amar Sissokho
Assistant Professor, Mathematics
Ph.D., Emory University

Neil Thomas Skaggs
Acting Department Chairperson
Professor, Economics
Ph.D., Duke University

James M. Skibo
Professor, Sociology and Anthropology
Ph.D., University of Arizona

Diane Thompson Skidmore
Academic Advisor, College of Business, Business Student Advisement
M.S., Illinois State University

Keith Alan Skinner
Faculty Associate, University High School
M.S. in Ed., Eastern Illinois University

Mark E. Slama
Professor, Marketing
D.B.A., Florida State University

Kim Helene Small
NTT Instructional Assistant Professor
Finance, Insurance and Law
M.B.A., Illinois State University

Sarah Smelser
Associate Professor, School of Art
M.F.A., University of Iowa

Kenneth Donald Smiciklas
Associate Professor, Agriculture
Ph.D., University of Illinois-Urbana-Champaign

Dirk D. Smid
Faculty Associate, University High School
C.A.S., Illinois State University

Beatrice Barbara Smith
Assistant Professor, Curriculum and Instruction
D.A., Illinois State University

Beverly Ann Smith
Professor, Criminal Justice Sciences
Ph.D., Miami University

Douglas Arthur Smith
Director, Classroom Technology Support Services
M.M.Ed., Indiana University-Bloomington

Dustin James Smith
Academic Advisor, University College
B.S. in B.A., Illinois State University

Justin Jon Smith
Specialist, Computer User Services
B.S., Illinois State University

K. Aaron Smith
Assistant Professor, English
Ph.D., Southern Illinois University-Carbondale

Linda D. Smith
Admissions Counselor, University College
B.A., Illinois State University

Matthew B. Smith
Assistant Professor, School of Music
Ph.D., Keio University

Maureen Gollmer Smith
Academic Advisor, Curriculum and Instruction
M.S., Illinois State University

Peter James Smith
Associate Professor, School of Kinesiology and Recreation
Ed.D., University of Houston

Wendy M. Smith
Faculty Associate, University High School
M.S. in Ed., Illinois State University

Walter John Smoski
Department Chairperson
Associate Professor, Speech Pathology and Audiology
Ph.D., University of Illinois-Urbana-Champaign

Marlon Snipes
Admissions Counselor
B.S., University of Arkansas-Pine Bluff

David Wayne Snyder
Professor, School of Music
D. Music Ed, University of Cincinnati

Richard John Soderlund
Assistant Professor, History
Ph.D., University of Maryland-College Park

Joseph J. Solberg
Professor, Finance, Insurance and Law
J.D., Loyola University of Chicago

Michael A. Sondgeroth
Faculty Associate, University High School
B.S., Illinois State University

Nancy J. Spangler
Assistant Director, Academic Administrative Services
M.S. in Ed., Illinois State University

Aslihan D. Spaulding
Assistant Professor, Agriculture
Ph.D., University of Kentucky

Susan Kay Sprecher
Professor, Sociology and Anthropology
Ph.D., University of Wisconsin-Madison

Ellen Augusta Spycher
Assistant Professor, Curriculum and Instruction
Ed.D., Illinois State University

Maria Staeblein
Assistant Professor, School of Music
D.M.A., Academy of Music and Theater

Jean Standard
Associate Professor, Chemistry
Ph.D., University of Wisconsin-Madison

James Michael Stanlaw
Professor, Sociology and Anthropology
Ph.D., University of Illinois-Urbana-Champaign

John Charles Stark
Professor, School of Theatre
M.F.A., University of Nebraska-Lincoln

Stephen Kay Steele
Professor, School of Music
D.M.A., University of Arizona

Lynn Ann Steffen
Coordinator, Clinical Experiences and Certification Processes
M.S. in Ed., Illinois State University

Manfred Steger
Professor, Politics and Government
Ph.D., Rutgers University-New Brunswick

Karen Jo Stephens
Director, Child Care Center
M.S. in Ed., Illinois State University

Michael Jonathan Stevens
Professor, Psychology
Ph.D., University of Missouri-Columbia

Cheryl D. Stevenson
Distinguished Professor, Chemistry
Ph.D., Texas A & M University

Razelyn L. Steward
Academic Advisor, Psychology
M.S. in Ed., Illinois State University

Edward Oneil Stewart
Associate Professor, School of Art
Ph.D., University of Missouri-Columbia

Todd M. Stewart
Assistant Professor, Philosophy
Ph.D., University of Arizona

Kenneth William Stier
Professor, Technology
Ed.D., Illinois State University

S. Liane Stillwell
Associate Professor, Philosophy
Ph.D., Purdue University

Jennifer K. Stitt
Coordinator, Clinical Experiences and Certification Processes
M.S., Illinois State University

Richard A. Stivers
Distinguished Professor, Sociology and Anthropology
Ph.D., Southern Illinois University-Carbondale

Bruce R. Stoffel
Assistant Professor, Milner Library
M.L.S., University of Illinois-Urbana-Champaign

Charles Frank Stokes, Jr.
Associate Professor, School of Music
M.M., Indiana University-Bloomington

Elizabeth Kim Stone
Assistant Professor, English
Ph.D., University of California-Santa Barbara

Julia Brown Stoner
Assistant Professor, Special Education
Ed.D., Illinois State University

Derek James Story
Assistant Director, Academic Administrative Services
B.S., Illinois State University

Ronald L. Strickland
Professor, English
Ph.D., Syracuse University

Daniel Harryman Stump
Academic Advisor, History
D.A., Illinois State University

Qichang Su
Professor, Physics
Ph.D., University of Rochester

Michael D. Sublett
Professor, Geography - Geology
Ph.D., University of Chicago

Richard D. Sullivan
Assistant Professor, Sociology and Anthropology
Ph.D., University of California-Santa Barbara

Jan Christopher Susina
Associate Professor, English
Ph.D., Indiana University-Bloomington

Ronald D. Swan
Chief, University Police
M.A., Webster University

Jean Ellen Swearingen
Staff Physician, Health Services
M.D., Southern Illinois University-Carbondale

Carole Sweeney
NTT Clinical Assistant Professor
Curriculum and Instruction
M.Ed., University of Illinois-Urbana-Champaign

Margaret Ann Swerdlik
NTT Instructional Assistant Professor
Special Education
M.S. in Ed., Illinois State University

Mark Edward Swerdlik
Professor, Psychology
Ph.D., Michigan State University

Candice Elizabeth Swift
Assistant Principal, University High School
Ed.D., Illinois State University

James K. Swindler
Department Chairperson
Professor, Philosophy
Ph.D., University of Kansas

Lisa F. Szczepura
Associate Professor, Chemistry
Ph.D., State University of New York College-Buffalo

Bernard Tamas
Assistant Professor, Politics and Government
Ph.D., Rutgers University-New Brunswick

C. Anita Tarr
Associate Professor, English
D.A., Illinois State University

Linda A. Tate
Faculty Associate, University High School
B.S. in Ed., Illinois State University

Stephanie E. Tate
Staff Physician, Health Services
M.D., Saint Louis University

Mary Kathryn Taylor
Faculty Associate, Thomas Metcalf School
B.A., Illinois State University

Steven Arthur Taylor
Professor, Marketing
Ph.D., Florida State University

Mark Allen Temple
Associate Professor, Health Sciences
Ph.D., Southern Illinois University-Carbondale

Melvin Ernest Thake
Faculty Associate, Thomas Metcalf School
M.S., Illinois State University

Susan A. Thetard
Faculty Associate, University High School
M.F.A., Illinois State University

Kulathavaranee Thiagarajah
Associate Professor, Mathematics
Ph.D., University of Windsor

Abdourahmane Thiam
Coordinator, Management Development
International, International Studies
Ph.D., University of Connecticut

Charles Edward Thomas II
NTT Instructional Assistant Professor, Accounting
M.S., Illinois State University

David Quinn Thomas
Professor, School of Kinesiology and Recreation
Ph.D., Arizona State University

Jill Freund Thomas
Specialist, Teacher Education
Geography- Geology
M.S., University of Idaho

Roger K. Thomas
Professor, Foreign Languages
Ph.D., Indiana University-Bloomington

Linda Jane Thomley
Faculty Associate, Thomas Metcalf School
B.F.A., Illinois Wesleyan University

Charles Frederick Thompson
Professor, Biological Sciences
Ph.D., Indiana University-Bloomington

James Richard Thompson
Department Chairperson
Professor, Special Education
Ph.D., University of Minnesota-Twin Cities

Kevin Andrew Thompson
Faculty Associate, University High School
M.S., Illinois State University

Torri Leigh Thompson
Associate Professor, English
Ph.D., University of Texas-Austin

Laurie L. Thompson-Merriman
Associate Professor, School of Theatre
M.F.A., University of Illinois-Urbana-Champaign

Shailesh Kumar Tipnis
Professor, Mathematics
Ph.D., Cornell University

Phyllis Tischhauser
Faculty Associate, Thomas Metcalf School
B.S., Southern Illinois University-Carbondale

Renee Margaret Tobin
Assistant Professor, Psychology
Ph.D., Texas A & M University

Barbara J. Todd
Executive Director, Alumni Relations
M.S., Illinois State University

Cheri A. Toledo
Assistant Professor, Curriculum and Instruction
Ed.D., Alliant International University

Nancy Deborah Tolson
Associate Professor, English
Ph.D., University of Iowa

Maura I. Toro-Morn
Professor, Sociology and Anthropology
Ph.D., Loyola University of Chicago

Tisa M. Trask
NTT Instructional Assistant Professor, Mathematics
M.S., University of Illinois-Urbana-Champaign

Julianne Trautmann
Assistant Professor, Family and Consumer Sciences
Ph.D., University of Minnesota-Twin Cities

Joseph William Trefzger
Professor, Finance, Insurance and Law
Ph.D., University of Illinois-Urbana-Champaign

Laura M. Trendle-Polus
Director, TV 10
M.S., Illinois State University

Gail A. Trimpe-Morrow
Coordinator, Sexual Assault Prevention and Survivor Services
M.S., Indiana State University

Ann M. Triphan
Assistant Director, Career Center
M.S. in Ed., Illinois State University

Deborah Lynne Trissel
Faculty Associate, Thomas Metcalf School
M.S. in Ed., University of Kansas

Roberta Trites
Professor, English
Ph.D., Baylor University

Mark D. Troester
Director, Institutional Web Support Services
M.S., Illinois State University

Michael Bradford Troll
Faculty Associate, University High School
M.S., Illinois State University

Mary S. Trouille
Professor, Foreign Languages
Ph.D., Northwestern University

Wendy G. Troxel
Assistant Professor, Educational Administration and Foundations
Ed.D., University of Alabama-Birmingham

Christine Kwei-Ching Tsui
Assistant Director, Facilities Planning and Construction
M.Arch., University of Kansas

Jason H. Tucholke
Coordinator, Computer Support
Student Technology Support Services
M.S., Illinois State University

Toni Tucker
Assistant to Dean, Milner Library
M.S. in Ed., Purdue University

Kerry William Tudor
Professor, Agriculture
Ph.D., Iowa State University

Laurie Turilli
NTT Clinical Assistant Professor
Special Education
M.S. in Ed., Western Illinois University

Jane Ellen Turley
NTT Instructional Assistant Professor
Health Sciences
M.S., Illinois State University

Marilyn Leigh Turner
Academic Advisor, College of Business Student Advisement
M.S. in Ed., Illinois State University

Robert Turner
Assistant Professor, Chemistry
Ph.D., University of Illinois-Urbana-Champaign

Douglas P. Twitchell
Assistant Professor, School of Information Technology
Ph.D., University of Arizona

Teresa Leann Tyra
Supervisor, Clinical, Speech Pathology and Audiology
M.S., Illinois State University

Hafeez Ullah
Research Associate, University Assessment Office
Ph.D., University of Maryland-College Park

Lea F. Uphues
NTT Clinical Assistant Professor, Curriculum and Instruction
M.A., Olivet Nazarene University

Thomas J. Urbanski
Assistant Professor, Milner Library
M.L.S., Indiana University-Bloomington

Diane Faye Urey
Distinguished Professor, Foreign Languages
Ph.D., Johns Hopkins University

John K. Urice
Professor, School of Theatre
Ph.D., Florida State University

Stephen J. Van Der Hoven
Assistant Professor, Geography - Geology
Ph.D., University of Utah

James Van Der Laan
Professor, Foreign Languages
Ph.D., University of Illinois-Urbana-Champaign

Donna M. Vandiver
Assistant Professor, Criminal Justice Sciences
Ph.D., Sam Houston State University

Meridee Sue Vandraska
Assistant Professor, Health Sciences
M.S., University of Saint Francis

Carson Hamill Varner
Professor, Finance, Insurance and Law
J.D., University of Oklahoma-Norman

Iris Zerbe Varner
Professor, Management and Quantitative Methods
Ph.D., University of Oklahoma-Norman

Kelly-Ann Vassell
Specialist, Dean of Students, Intercultural Programs and Services
M.A., Ohio University

Mark Allen Vegter
Academic Advisor, University College
B.S., Illinois State University

Susan A. Vericella
Academic Advisor, University College
M.S., Illinois State University

Margaret Elizabeth Verner
Professor, School of Kinesiology and Recreation
Ed.D., Illinois State University

Heidi Renee Verticchio
Supervisor, Clinical, Speech Pathology and Audiology
M.S., Illinois State University

Tilaka N. Vijithakumara
NTT Instructional Assistant Professor, Mathematics
M.S., Iowa State University

Joaquin A. Vila-Ruiz
Professor, School of Information Technology
Ph.D., University of Missouri-Rolla

Emily Villhauer
Specialist, Dean of Students
M.A., Univesity of Iowa

Laura Anne Vogel
Associate Professor, Biological Sciences
Ph.D., Medical College of Ohio

W. Paul Vogt
Professor, Educational Administration and Foundations
Ph.D., Indiana University-Bloomington

Michelle J. Vought
Associate Professor, School of Music
D.M.A., University of Cincinnati

Denise K. Wadzinski
Specialist, Student Service and Referral Center
B.S., University of Wisconsin-Stevens Pt.

Jeffrey B. Wagman
Assistant Professor, Psychology
Ph.D., University of Connecticut

Mark Stephen Walbert
Associate Vice President, Technology
Associate Professor, Economics
Ph.D., University of New Mexico

Sarah Ann Walczynski
Specialist, Computer Support, Laboratory for Integrated Learning and Technology
M.S., Illinois State University

Pamela Marie Walden
Assistant University Registrar
B.S., Illinois State University

Daphyne Lucille Walker
Academic Advisor, School of Kinesiology and Recreation
M.S. in Ed., Illinois State University

Diane Claire Walker
Faculty Associate, University High School
M.S., Illinois State University

John H. Walker
Associate Dean, Fine Arts
Professor, School of Art
M.F.A., East Tennessee State University

Paul Montgomery Walker
Professor, Agriculture
Ph.D., University of Illinois-Urbana-Champaign

Kim Walker-Smith
NTT Instructional Assistant Professor, School of Kinesiology and Recreation
M.Ed., University of Houston

Kathy Lynn Wall
Faculty Associate, Thomas Metcalf School
B.S. in Ed., Illinois State University

David Charles Wallace
Assistant Professor, School of Information Technology
Ph.D., University of Illinois-Urbana-Champaign

David William Wallace
Assistant Professor, Marketing
Ph.D., Washington State University

Jeffrey A. Walsh
Assistant Professor, Criminal Justice Sciences
M.S., California State University-Fresno

Patrick Joseph Walsh
Admissions Counselor, Admissions
B.S., Illinois State University

Sharon D. Walsh
Academic Advisor, University College
M.A., University of Illinois-Urbana-Champaign

Kent A. Walstrom
Associate Professor, Accounting
Ph.D., Oklahoma State University

Kathleen R. Walter
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University

Connor M. Walters
Department Chairperson
Professor, Family and Consumer Sciences
Ph.D., Ohio State University

Te-Yu Wang
Professor, Politics and Government
Ph.D., State University of New York-Buffalo

Dane M. Ward
Associate Dean, Milner Library
Associate Professor, Milner Library
M.L.S., Indiana University-Bloomington

Jennifer S. Ward
Director, Development
B.A., Colby College

Rochelle M. Wardell
NTT Instructional Assistant Professor
Curriculum and Instruction
M.S. in Ed., Illinois State University

B. Jermaine Ware
Faculty Associate, University High School
B.S., Illinois State University

Janet Warfield
Associate Professor, Mathematics
Ph.D., University of Wisconsin-Madison

Diane Lavern Waters
Assistant Director, Student Health Service
M.S., University of Illinois-Chicago

George A. Waters
Assistant Professor, Economics
Ph.D., University of North Carolina-Chapel Hill

Francis L. Waterstraat, Jr.
Director, Health Information Management Program
Associate Professor, Health Sciences
Ph.D., Illinois State University

Nancy Watson
NTT Instructional Assistant Professor, Family and Consumer Sciences
M.S., Illinois State University

Emily Watts
Associate Professor, Special Education
Ph.D., University of Illinois-Urbana-Champaign

Robert Joseph Wazienski
Coordinator, Computer Support, Dean of Arts and Sciences
Ph.D., University of Kansas

James William Webb
Professor, Chemistry
Ph.D., University of Michigan-Ann Arbor

Marlon L. Webb
Assistant Director, Admissions
B.S., Illinois College

Julie Ann Webber
Assistant Professor, Politics and Government
Ph.D., Purdue University

Ann Weber
NTT Instructional Assistant Professor
Curriculum and Instruction
M.A., University of Iowa

Linda Lee Wedwick
Assistant Professor, Curriculum and Instruction
M.S. in Ed., Illinois State University

Charles Andrew Weeks
Professor, Foreign Languages
Ph.D., University of Illinois-Urbana-Champaign

Kathryn Conely Wehrmann
Associate Professor, School of Social Work
Ph.D., University of Illinois-Urbana-Champaign

David Lee Weiden
Assistant Professor, Politics and Government
J.D., University of Denver

Jeffrey Kenneth Weidner
Specialist, Computer Support, Institutional Web Support Services
B.S., Illinois State University

Gary A. Weilbacher
Assistant Professor, Curriculum and Instruction
Ph.D., University of Wisconsin-Whitewater

Jerad L. Weiner
Specialist, Computer Support, School of Communication
B.S., Illinois State University

James Edward Weinzierl
Academic Advisor, University College
M.S., Illinois State University

Katherine Margaret Weir
Associate Professor, Milner Library
M.B.A., Arizona State University

Ralph Albert Weisheit
Distinguished Professor, Criminal Justice Sciences
Ph.D., Washington State University

Glenn Leslie Weiss
Director, Medical
M.D., Rosalind Franklin University of Med and Sci

Sharon Lee Weldon
Assistant Professor, Chemistry
Ph.D., University of California-San Diego

Stephen A. Wellinski
Assistant Professor, Curriculum and Instruction
Ph.D., Purdue University

Anna G. Wells
Research Associate, Planning and Institutional Research
M.S., University of Wisconsin-Madison

Loyd Edward Wells
Professor, Criminal Justice Sciences
Ph.D., University of Wisconsin-Madison

Carl Wenning
Specialist, Teacher Education, Physics
M.A.T., Michigan State University

Rick Charles Whitacre
Professor, Agriculture
Ph.D., University of Illinois-Urbana-Champaign

Karin Elizabeth White
Faculty Associate, Thomas Metcalf School
B.A., Illinois State University

Curtis Keith White
Professor, English
Ph.D., University of Iowa

Douglas V. Whitman
Professor, Biological Sciences
Ph.D., University of California-Berkeley

Wendi J. Whitman
Acting Coordinator, Academic Services, University College
M.S., Illinois State University

Susan Whitsitt
Specialist, Dean of Students, Bone Student Center
B.A., Northern Illinois University

Bryon Robert Wiegand
Assistant Professor, Agriculture
Ph.D., Iowa State University

Ronda Jo Wilder
Faculty Associate, Thomas Metcalf School
M.A., Saint Xavier University

Dan L. Wilhelm
Professor, School of Theatre
M.F.A., Ohio University

Linda Sue Wilkins
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University

Brian James Wilkinson
Distinguished Professor, Biological Sciences
Ph.D., University of Sheffield

Michael J. Wille
Assistant Professor, School of Art
M.F.A., Bowling Green State University

Marion C. Willetts
Assistant Professor, Sociology and Anthropology
Ph.D., University of Florida

Christie A. Williams
Academic Advisor, College of Business Student Advisement
B.S., Illinois State University

David Brian Williams
Professor, School of Music
Ph.D., University of Washington-Seattle

David Lee Williams
Associate Professor, Biological Sciences
Ph.D., University of Illinois-Urbana-Champaign

Michael Roy Williams
Professor, Marketing
Ph.D., Oklahoma State University

Owen Thomas Williams
Specialist, Computer Support
Stevenson Academic Computing
B.A., Illinois State University

Sarah Christine Williams
Assistant Professor, Milner Library
M.L.S., Indiana University-Bloomington

Kathleen Louise Williamson
Faculty Associate, Thomas Metcalf School
M.A., University of Illinois-Urbana-Champaign

Thomas R. Willmitch
Coordinator, Planetarium, Physics
M.S., Vanderbilt University

Daniel G. Wilson
Associate Professor, Technology
D. Ind. Tech., University of Northern Iowa

Denise D. Wilson
Associate Professor, Mennonite College of Nursing
Ph.D., Illinois State University

Janet M. Wilson
Assistant Professor, School of Theatre
M.F.A., Virginia Commonwealth University

Mardell Alvena Wilson
Director, University Assessment
Associate Professor, Family and Consumer Sciences
Ed.D., Illinois State University

Susan M. Winchip
Professor, Family and Consumer Sciences
Ph.D., Illinois State University

John Randall Winter
Professor, Agriculture
Ph.D., Oregon State University

Aaron Joseph Wissmiller
Coordinator, Radio Station WGLT
B.S., Illinois State University

Katarzyna Witkowska-Stadnik
Director, Intensive English Program
D.A., Illinois State University

Dorothy Mae Witte
Director, Development
B.S.H.E., Illinois State University

Babette Witt-Kannady
Coordinator, Clinical Experiences
Special Education
M.Ed., Illinois State University

Lori Ann Woeste
Assistant Professor, Health Sciences
Ed.D., Illinois State University

Brian William Wojcik
Coordinator, Seat Center
M.S. in Ed., Illinois State University

Kelly Marie Wojcik
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University

James Richard Wolf, Jr.
Assistant Professor, School of Information Technology
M.S., George Washington University

Arnold S. Wolfe
Professor, School of Communication
Ph.D., Northwestern University

Amy Louise Wood
Assistant Professor, History
Ph.D., Emory University

Jeffrey Alan Wood
Associate Dean, Applied Science and Technology
Professor, Agriculture
Ph.D., Cornell University

Leah K. Woods
Assistant Professor, School of Art
M.F.A., Rochester Institute of Technology

Susan A. Woollen
Academic Advisor, Criminal Justice Sciences
B.A., University of Texas-San Antonio

Lynn Worsham
Professor, English
Ph.D., University of Texas-Arlington

Anne Wortham
Associate Professor, Sociology and Anthropology
Ph.D., Boston College

Jessica Ann Wutz
Faculty Associate, Thomas Metcalf School
M.S. in Ed., Illinois State University

Gaywalee Yamskulna
Assistant Professor, Mathematics
Ph.D., Universityof California-Santa Cruz

Eric John Yeager
Assistant to Director, Arts Technology Lab
B.A., Illinois State University

Paula L. Yoder
Coordinator, Academic Services
University College
B.S., Illinois State University

Samuel Lee Yost
Specialist, Computer Support,
School of Information Technology
B.S., Illinois State University

Robert F. Zant
Professor, School of Information Technology
Ph.D., University of Florida

Sharon Sue Zeck
Director, Arts Technology and O.R.A.T.
M.A., University of Iowa

Sheahon J. Zenger
Director, Intercollegiate Athletics
Ph.D., University of Kansas

Kevin Honglin Zhang
Associate Professor, Economics
Ph.D., University of Colorado-Boulder

Wenhua Zhao
Assistant Professor, Mathematics
Ph.D., University of Chicago

Sandra Kay Zielinski
Professor, School of Theatre
M.F.A., Illinois State University

Corinne Zimmerman
Assistant Professor, Psychology
Ph.D., University of Alberta

Henry Jones Zintambila
Assistant Professor, Geography - Geology
Ph.D., University of Hawaii-Manoa

Joseph Perry Zompetti
Assistant Professor, School of Communication
Ph.D., Wayne State University

Suzette Zompetti
Specialist, Senior-Dean of Students
M.Ed., University of South Carolina-Aiken

Kirstin Hotelling Zona
Associate Professor, English
Ph.D., University of Rochester

Diane L. Zosky
Assistant Professor, School of Social Work
Ph.D., Loyola University of Chicago

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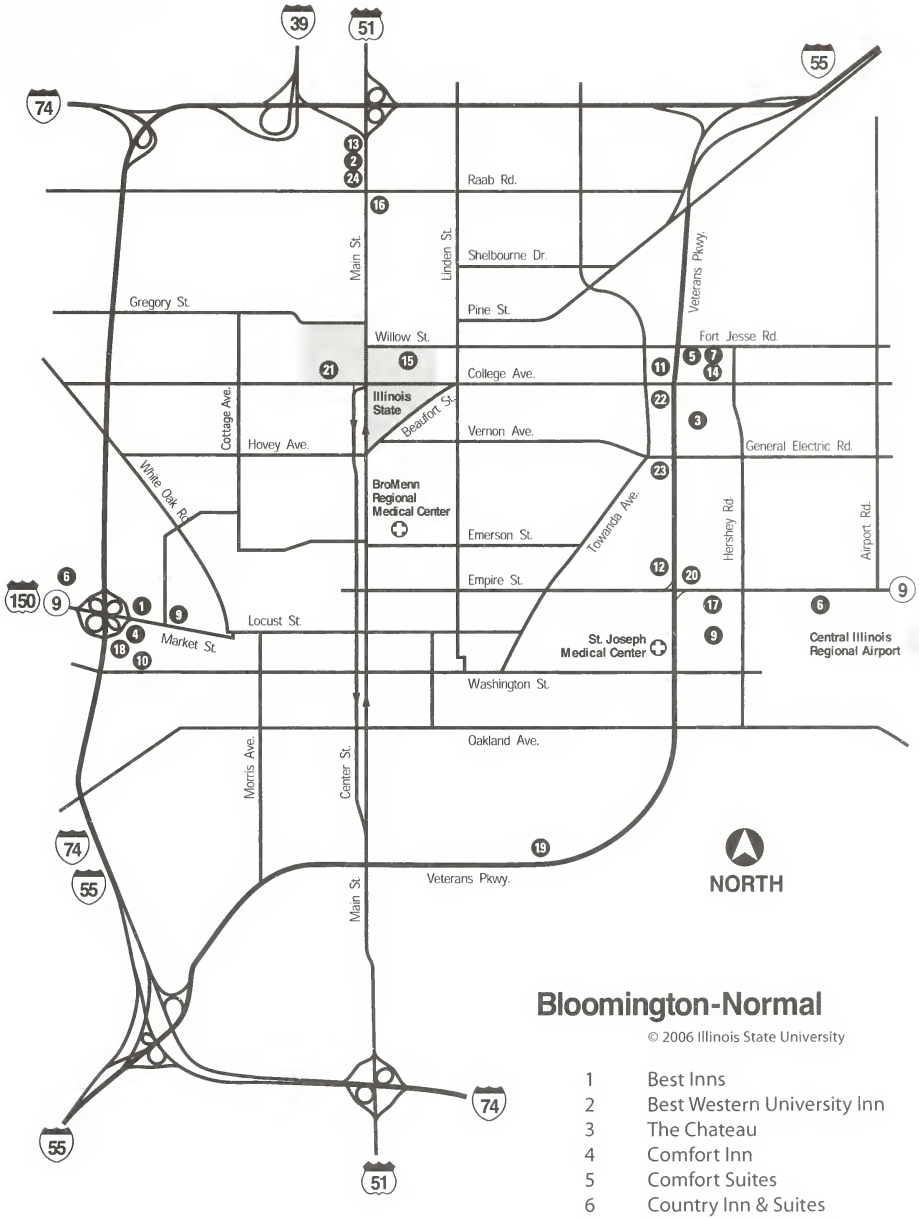
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